

# Indicators of Alcohol and Other Drug Risk and Consequences for California Counties

*Kern  
County*  

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2010



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County*  

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2010

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# INTRODUCTION

In the mid-1990s, the California Department of Alcohol and Drug Programs, in collaboration with the Center for Applied Research Solutions (CARS), Inc. began to work toward improving the state's prevention information system. A key component of this information system was the continuous collection, monitoring and reporting of selected community-level indicators that would serve as direct and indirect measures of alcohol and other drug use prevalence and related problems. This information system was designed to assist with state and local prevention planning and policy-making by providing useful, systematic data about prevention and treatment needs and outcomes throughout the state.

The present report is the most recent product of this ongoing effort. It differs from earlier versions in a few important ways.

- First, while previous reports typically summarized data for more than twenty-five indicators of health and social conditions that are theoretically linked to problem substance use, the current version is more streamlined, focusing on seven key indicators of AOD use and abuse prevalence and their direct consequences, including impacts on the criminal justice, health and alcohol and drug treatment systems.
- Second, the 2010 report updates information contained in earlier versions, but expands in its depth to summarize data for populations within the larger county, including age, gender, and race/ethnicity sub-groups. This expanded detail allows for more precise analyses of alcohol and drug use problems within a county population and enhances the ability to effectively target prevention and intervention strategies to community needs.

Similar to previous reports, the 2010 version includes simple analytic tools to help users interpret the information presented. This includes use of population-based rates (e.g., the number of incidents relative to the total population) to make meaningful comparisons between geographic areas that differ in population size, or comparisons between differing time points. Data is presented at both the county and state level to allow county rates to be evaluated against a relative average.

The overall intent of the report is to provide a simple, easy-to-use resource that helps synthesize the most relevant indicator data currently available to assess substance use problems, in an effort to optimize prevention planning and outcome measurement efforts in communities through the state. Specifically, it is designed to support the work of planners, policy-makers, and practitioners in the field in:

- Determining the incidence of alcohol and other drug use problems within county populations and sub-populations;
- Monitoring trends in problem incidence to identify emergent issues and detect changes in status over time;
- Establishing program resource levels that are appropriate to address the nature and extent of prevention and treatment needs; and,
- Documenting progress toward achieving targeted prevention objectives and outcomes.

The report contains information on several key indicators of alcohol and drug prevalence and consequences for California populations in each of the following seven indicators:

1. Household prevalence of past year binge drinking;
2. Admissions to publicly-funded and/or monitored alcohol and other drug treatment facilities;
3. Arrests for drug-related criminal offenses;
4. Arrests for alcohol-related criminal offenses;
5. Motor vehicle accidents involving drivers who had been drinking;
6. Hospitalizations for alcohol and drug-related conditions; and,
7. Mortality attributable to acute and chronic alcohol and drug use.

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Each report contains data compiled from several sources, including a statewide, longitudinal survey of California household populations, and state data systems housing public archival records from six central agencies, including the California Department of Justice (DOJ), the California Highway Patrol (CHP), the California Department of Public Health, Vital Statistics Section, the Office of Statewide Health Planning and Development (OSHPD), the Department of Alcohol and Drug Programs (ADP), and the University of California, Los Angeles (UCLA). This reliance on statewide data sources ensures that the information reported is drawn from reliable and valid measures that are routinely and uniformly collected across jurisdictions (i.e., all counties use the same data collection), allowing for comparisons over time, across counties, and between counties and the state.

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## KEY FINDINGS

### Indicator 1: Prevalence of Past Year Binge Drinking

- Approximately 34 percent of Kern County residents age 18 and older participated in binge drinking in 2007 compared to the statewide rate of 30 percent.
- Males participated in binge drinking much more frequently than females (43 percent versus 25 percent) in 2007.

### Indicator 2: Admissions to Alcohol and Other Drug Treatment

- Overall, admission rates to treatment facilities in Kern County have decreased since 2000. In 2000 there were about 677 admissions per 100,000 compared to 434 admissions per 100,000 in 2008. Kern County's AOD admission rate was higher than the state each year, until 2006. There may be differences in detoxification and non-detoxification service admission trends that affect this overall trend (see "Treatment Data Clarifications" section on page 9 for detail).
- Admissions due to methamphetamine use accounted for 47 percent of all admissions in 2008. Admissions due to alcohol use accounted for roughly 11 percent of admissions, marijuana for 17 percent of admissions, heroin for 15 percent of admissions, and crack/cocaine for 5 percent in 2008.
- Admission rates were significantly higher among American Indians each year, until they dropped sharply in 2006.
- The highest rate of admissions was for 25 to 34 year olds with a rate of 975 per 100,000 in 2008. The next highest rate was for 35 to 44 year olds with a rate of 867 per 100,000.

### Indicator 3: Arrests for Drug-Related Crime

- Crime rates for felony and misdemeanor drug offenses decreased from 1,463 per 100,000 in 2000 to 1,262 per 100,000 in 2008, after peaking in 2005 at 1,623 per 100,000. Kern County's drug arrest rate was higher than the state each year.
- Arrests due to dangerous drug offenses accounted for approximately 27 percent in 2008, narcotics for roughly 9 percent of drug arrests, marijuana for 17 percent of drug arrests, and 46 percent of drug arrests in 2008 were for other drug violations.
- Admission rates were significantly higher among Blacks each year.
- The highest rate of arrests for drug-related crime was for 18 to 24 year olds with a rate of 2,095 per 100,000 in 2008. The next highest rate was for 25 to 34 year olds with a rate of 1,954 per 100,000. 35 to 44 year olds also had a high drug arrest rate at 1,720 per 100,000 in 2008.



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## **Indicator 4: Arrests for Alcohol-Related Crime**

- Crime rates for felony and misdemeanor alcohol offenses increased from 1,459 per 100,000 in 2000 to 1,724 per 100,000 in 2008. Kern County's alcohol arrest rate was higher than the state each year.
- Arrests due to driving-under-the-influence accounted for approximately 54 percent in 2008, public drunkenness for roughly 45 percent of alcohol arrests, and 2 percent of alcohol arrests in 2008 were for liquor law violations.
- The highest rate of arrests for alcohol-related crime was for Blacks with a rate of 2,234 per 100,000 in 2008. The next highest rate was for Hispanics with a rate of 2,128 per 100,000. Whites also had a high alcohol arrest rate at 1,395 per 100,000 in 2008.
- The highest rate of arrests for alcohol-related crime was for 18 to 24 year olds with a rate of 3,002 per 100,000 in 2008. The next highest rate was for 25 to 34 year olds with a rate of 2,564 per 100,000. 35 to 44 year olds also had a high alcohol arrest rate at 2,082 per 100,000 in 2008.

## **Indicator 5: Alcohol-Involved Motor Vehicle Accidents**

- The rate of fatalities in alcohol-involved accidents was higher in Kern County than the state overall each year.
- Males accounted for more than three-fourths of total parties who had been drinking in alcohol-involved accidents in 2008. During this year Blacks had the rate of 151 per 100,000, Hispanics had 177 per 100,000 and Whites had 128 per 100,000.
- 18 to 24 year olds (386 per 100,000) accounted for the highest rate of parties who had been drinking in alcohol-involved accidents in 2008. The next highest rate was for 25 to 34 year olds with a rate of 265 per 100,000. 35 to 44 year olds also had a high rate at 222 per 100,000 in 2008.

## **Indicator 6: Hospitalizations Due to Alcohol and Drug Use**

- The rate of hospitalizations due to alcohol and drug use decreased slightly from 164 per 100,000 in 2000 to 157 per 100,000 in 2007. Kern County's AOD hospitalization rate was lower than the state overall each year.
- The rate of hospitalizations due to alcohol-related causes decreased from 77 per 100,000 in 2000 to 61 per 100,000 in 2007. Kern County's alcohol-related hospitalization rate was lower than the state overall each year.
- The rate of hospitalizations due to drug-related causes increased from 87 per 100,000 in 2000 to 95 per 100,000 in 2007. Kern County's drug-related hospitalization rate was lower than the state overall each year.

## **Indicator 7: Deaths Due to Alcohol and Drug Use**

- The death rate due to alcohol and drug use increased slightly between 2000 and 2007 from 27.21 deaths per 100,000 to 29.74 deaths per 100,000. Kern County's AOD mortality rate was higher than the state overall each year.
- The death rate due to alcohol use decreased slightly between 2000 and 2007 from 11.57 per 100,000 to 11.38 per 100,000, higher than the statewide rates each year.
- The death rate due to drug use increased between 2000 and 2007 from 12.62 per 100,000 to 15.42 per 100,000, higher than the statewide rates each year.

# Key Indicators of Community Alcohol and Drug Use • Kern County

|  | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     | Three Year Average |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|
| <b>INDICATOR 1:<br/>Past Year Binge Drinking</b>                           |          |          |          |          |          |          |          |          |          |                    |
| County Percentage of Total Respondents                                     | •        | •        | •        | •        | •        | •        | •        | 33.8%    | •        |                    |
| State Percentage of Total Respondents                                      | •        | •        | •        | •        | •        | •        | •        | 29.7%    | •        |                    |
| County Ranking (of 44 Counties)  | •        | •        | •        | •        | •        | •        | •        | 15       | •        |                    |
| <b>INDICATOR 2:<br/>Admissions to Alcohol and Other Drug Treatment</b>     |          |          |          |          |          |          |          |          |          |                    |
| County Rate per 100,000 Total Population                                   | 676.77   | 906.44   | 837.50   | 713.80   | 830.64   | 827.76   | 432.66   | 447.93   | 434.13   | 438.24             |
| State Rate per 100,000 Population 10 to 69 Years                           | 647.98   | 706.60   | 703.16   | 668.97   | 645.41   | 643.64   | 599.12   | 602.30   | 591.63   | 597.68             |
| County Ranking (of 49 Counties)  | 24       | 18       | 22       | 26       | 19       | 21       | 45       | 42       | 39       | 41                 |
| <b>INDICATOR 3:<br/>Arrests for Drug-Related Offenses</b>                  |          |          |          |          |          |          |          |          |          |                    |
| County Rate per 100,000 Population 10 to 69 Years                          | 1,462.58 | 1,473.49 | 1,435.96 | 1,507.43 | 1,519.07 | 1,623.30 | 1,496.61 | 1,401.06 | 1,261.69 | 1,386.46           |
| State Rate per 100,000 Population 10 to 69 Years                           | 961.65   | 931.02   | 940.74   | 986.91   | 1,023.80 | 1,070.18 | 1,040.85 | 997.25   | 910.20   | 982.76             |
| County Ranking (of 58 Counties)  | 6        | 7        | 9        | 7        | 7        | 9        | 8        | 7        | 9        | 7                  |
| <b>INDICATOR 4:<br/>Arrests for Alcohol-Related Offenses</b>               |          |          |          |          |          |          |          |          |          |                    |
| County Rate per 100,000 Population 10 to 69 Years                          | 1,459.41 | 1,415.15 | 1,292.19 | 1,700.36 | 1,543.36 | 1,199.74 | 1,440.76 | 1,633.02 | 1,723.91 | 1,599.23           |
| State Rate per 100,000 Population 10 to 69 Years                           | 1,238.01 | 1,167.40 | 1,126.00 | 1,129.17 | 1,087.87 | 1,045.21 | 1,123.22 | 1,159.68 | 1,203.37 | 1,162.09           |
| County Ranking (of 58 Counties)  | 41       | 39       | 43       | 28       | 32       | 42       | 40       | 32       | 26       | 32                 |
| <b>INDICATOR 5:<br/>Alcohol-Involved Motor Vehicle Accident Fatalities</b> |          |          |          |          |          |          |          |          |          |                    |
| County Rate per 100,000 Total Population                                   | 8.26     | 4.99     | 6.43     | 7.49     | 5.78     | 6.88     | 9.38     | 5.38     | 4.43     | 6.40               |
| State Rate per 100,000 Total Population                                    | 3.62     | 3.76     | 3.99     | 4.01     | 4.00     | 4.26     | 4.27     | 3.94     | 3.54     | 3.92               |
| County Ranking (of 58 Counties)  | 19       | 27       | 31       | 26       | 29       | 25       | 19       | 25       | 36       | 23                 |
| <b>INDICATOR 6:<br/>Alcohol and Drug Use Hospitalizations</b>              |          |          |          |          |          |          |          |          |          |                    |
| County Rate per 100,000 Total Population                                   | 163.48   | 153.81   | 149.14   | 167.42   | 171.12   | 156.46   | 174.24   | 156.65   | •        | 162.45             |
| State Rate per 100,000 Total Population                                    | 222.67   | 218.35   | 217.21   | 215.37   | 211.97   | 204.50   | 201.00   | 205.44   | •        | 203.65             |
| County Ranking (of 50 Counties)  | 31       | 35       | 39       | 33       | 33       | 37       | 31       | 38       | •        | 37                 |
| <b>INDICATOR 7:<br/>Deaths Due to Alcohol and Drug Use</b>                 |          |          |          |          |          |          |          |          |          |                    |
| County Rate per 100,000 Total Population                                   | 27.21    | 30.92    | 32.99    | 34.30    | 32.62    | 30.14    | 34.23    | 29.74    | •        | 31.37              |
| State Rate per 100,000 Total Population                                    | 19.03    | 19.22    | 20.10    | 20.90    | 20.86    | 21.40    | 21.27    | 21.46    | •        | 21.38              |
| County Ranking (of 58 Counties)  | 8        | 13       | 10       | 9        | 11       | 14       | 12       | 15       | •        | 13                 |

• Data not available for reporting year.

# Indicator 1: Prevalence of Past Year Binge Drinking

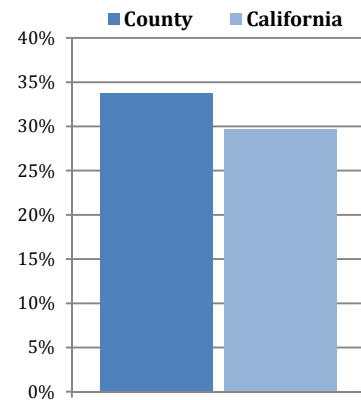
The estimated number and percent of persons 18 years and older who reported any binge drinking in the past year.

**Table/Figure 1.1**

Estimated Number and Percent of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year with Comparison to Statewide Rates

| 2007                             | Kern County | State of California |
|----------------------------------|-------------|---------------------|
| Estimated Number *               | 180,000     | 7,973,000           |
| Estimated Population 18 and over | 533,000     | 26,874,000          |
| Percent of Total Population      | 33.8%       | 29.7%               |

\* Estimates rounded to the nearest thousand.

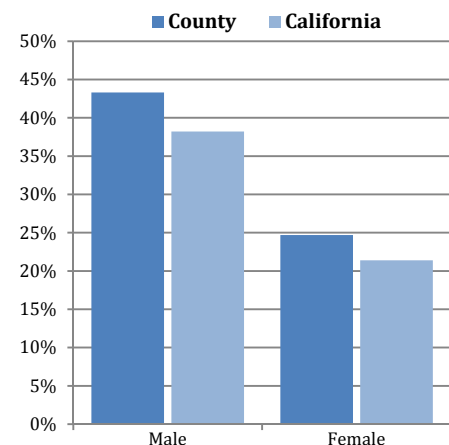


**Table/Figure 1.2**

Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year by Gender

| 2007                  | Kern County | State of California |
|-----------------------|-------------|---------------------|
| Male                  |             |                     |
| Estimated Number *    | 114,000     | 5,039,000           |
| Estimated Population  | 265,000     | 13,179,000          |
| Percent of Population | 43.3%       | 38.2%               |
| Female                |             |                     |
| Estimated Number *    | 66,000      | 2,934,000           |
| Estimated Population  | 268,000     | 13,694,000          |
| Percent of Population | 24.7%       | 21.4%               |

\* Estimates rounded to the nearest thousand.



## Indicator 1: Prevalence of Past Year Binge Drinking (Continued)

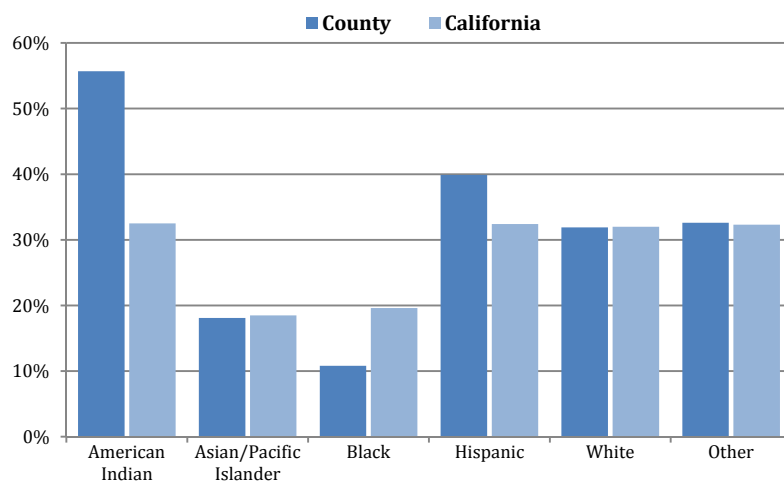
**Table 1.3**

Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year by Race/Ethnicity

| 2007                   |                       | Kern County | State of California |
|------------------------|-----------------------|-------------|---------------------|
| American Indian        | Estimated Number *    | 2,000       | 55,000              |
|                        | Estimated Population  | 3,000       | 170,000             |
|                        | Percent of Population | 55.7%       | 32.5%               |
| Asian/Pacific Islander | Estimated Number *    | 4,000       | 650,000             |
|                        | Estimated Population  | 24,000      | 3,507,000           |
|                        | Percent of Population | 18.1%       | 18.5%               |
| Black                  | Estimated Number *    | 2,000       | 301,000             |
|                        | Estimated Population  | 21,000      | 1,531,000           |
|                        | Percent of Population | 10.8%       | 19.6%               |
| Hispanic               | Estimated Number *    | 86,000      | 2,745,000           |
|                        | Estimated Population  | 215,000     | 8,469,000           |
|                        | Percent of Population | 39.9%       | 32.4%               |
| White                  | Estimated Number *    | 83,000      | 4,093,000           |
|                        | Estimated Population  | 261,000     | 12,797,000          |
|                        | Percent of Population | 31.9%       | 32.0%               |
| Other                  | Estimated Number *    | 3,000       | 129,000             |
|                        | Estimated Population  | 8,000       | 401,000             |
|                        | Percent of Population | 32.6%       | 32.3%               |

\* Estimates rounded to the nearest thousand.

**Figure 1.3**  
Past Year Binge  
Drinking in Kern  
County by  
Race/Ethnicity



## Indicator 1: Prevalence of Past Year Binge Drinking (Continued)

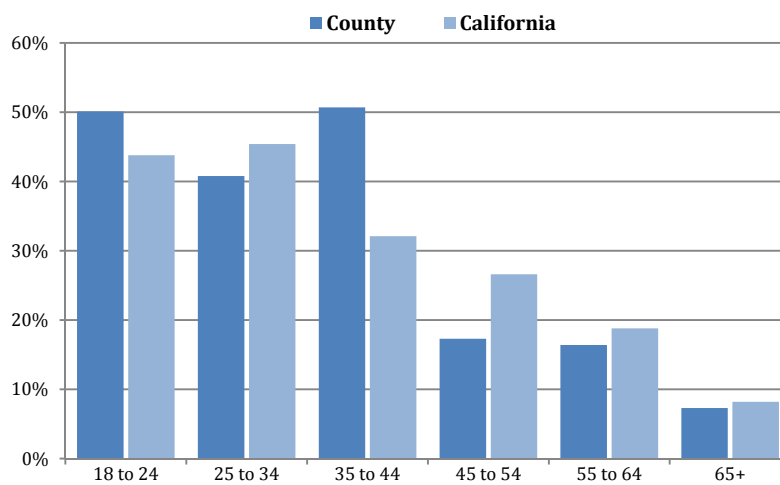
**Table 1.4**

Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year by Age Category

| 2007        |                       | Kern County | State of California |
|-------------|-----------------------|-------------|---------------------|
| 18 to 24    | Estimated Number *    | 51,000      | 1,620,000           |
|             | Estimated Population  | 102,000     | 3,703,000           |
|             | Percent of Population | 50.1%       | 43.8%               |
| 25 to 34    | Estimated Number *    | 45,000      | 2,147,000           |
|             | Estimated Population  | 110,000     | 4,733,000           |
|             | Percent of Population | 40.8%       | 45.4%               |
| 35 to 44    | Estimated Number *    | 55,000      | 1,795,000           |
|             | Estimated Population  | 109,000     | 5,593,000           |
|             | Percent of Population | 50.7%       | 32.1%               |
| 45 to 54    | Estimated Number *    | 13,000      | 1,390,000           |
|             | Estimated Population  | 78,000      | 5,219,000           |
|             | Percent of Population | 17.3%       | 26.6%               |
| 55 to 64    | Estimated Number *    | 11,000      | 700,000             |
|             | Estimated Population  | 68,000      | 3,724,000           |
|             | Percent of Population | 16.4%       | 18.8%               |
| 65 and Over | Estimated Number *    | 5,000       | 321,000             |
|             | Estimated Population  | 65,000      | 3,901,000           |
|             | Percent of Population | 7.3%        | 8.2%                |

\* Estimates rounded to the nearest thousand.

**Figure 1.4**  
Past Year Binge  
Drinking in Kern  
County by Age  
Category



## Indicator 2: Admissions to Alcohol and Other Drug Treatment

The number of admissions to publicly funded alcohol and other drug treatment facilities in California and rate of admission per 100,000 total population.

### Treatment Data Clarifications

Findings for Indicator 2: Admissions to Alcohol and Other Drug Treatment are based on total admissions rather than unique client counts. Clients with multiple treatment admissions during the year tend to bias the demographic and service characteristics described. These findings include admissions for both detoxification and other treatment services. Detoxification services are short term, often repeated numerous times, and used primarily for alcohol or heroin treatment. The inclusion of admissions to detoxification services biases the demographic and service characteristics described.

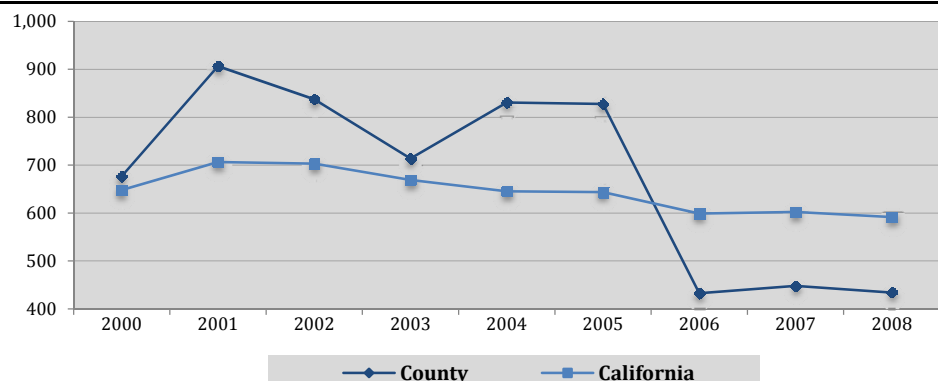
The Substance Abuse Crime Prevention Act (SACPA) was implemented in July 2001. Clients referred by the criminal justice system compete for limited treatment services resources and are often given priority over clients referred by other sources. In 2000, criminal justice referrals made up only 26 percent of all admissions. By 2004, criminal justice referrals made up 42% of the admissions. The influx of these clients with their specific demographic and service characteristics impact the makeup of the treatment population described in the key findings. For instance, clients referred by the criminal justice system rarely use detoxification services, and more often have a primary drug other than alcohol. Also, SACPA referred clients do not frequently use narcotic replacement treatment for heroin/opiate abuse. Consequently, the number of admissions to detoxification services has decreased as well as the number of admissions with alcohol or heroin as their primary drug problem compared with pre-SACPA levels.

**Table 2.1**

Number of Admissions to Alcohol and Other Drug Treatment and Rate per 100,000 Total Population with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Treatment Admissions | 4,504   | 6,182   | 5,857   | 5,146   | 6,184   | 6,375   | 3,459   | 3,660   | 3,625   |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 | 835,007 |
| Rate per 100,000               | 676.77  | 906.44  | 837.50  | 713.80  | 830.64  | 827.76  | 432.66  | 447.93  | 434.13  |
| CALIFORNIA Rate per 100,000    | 647.98  | 706.60  | 703.16  | 668.97  | 645.41  | 643.64  | 599.12  | 602.30  | 591.63  |

**Figure 2.1**  
Kern County Treatment Admission Rate per 100,000 Total Population with Comparison to Statewide Rates



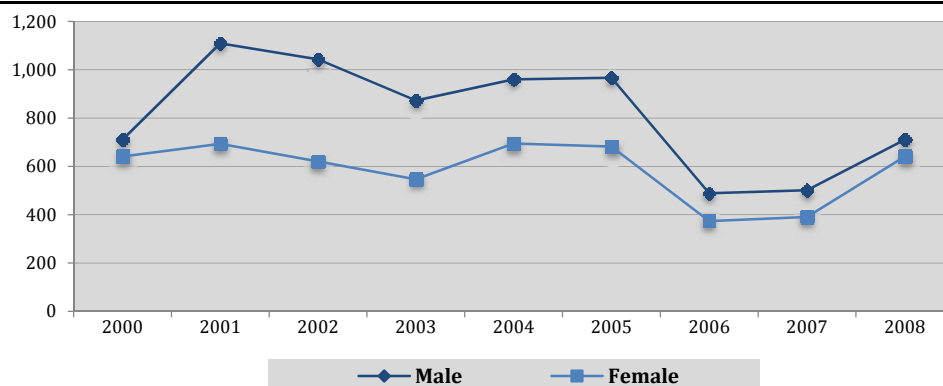
## Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

**Table/Figure 2.2**

Admissions to Alcohol and Other Drug Treatment by Client Gender, Rate per 100,000 Population, and Percent of Total Admissions

|                         | 2000    | 2001     | 2002     | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|-------------------------|---------|----------|----------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL ADMISSIONS</b> | 4,504   | 6,182    | 5,857    | 5,146   | 6,184   | 6,375   | 3,459   | 3,660   | 4,504   |
| <b>Male</b>             | 2,425   | 3,876    | 3,747    | 3,227   | 3,663   | 3,811   | 2,004   | 2,099   | 2,425   |
| Population              | 341,227 | 349,403  | 359,210  | 369,864 | 381,472 | 394,160 | 410,117 | 418,921 | 341,227 |
| Rate per 100,000        | 710.67  | 1,109.32 | 1,043.12 | 872.48  | 960.23  | 966.87  | 488.64  | 501.05  | 710.67  |
| Percent of Total        | 53.8%   | 62.7%    | 64.0%    | 62.7%   | 59.2%   | 59.8%   | 57.9%   | 57.3%   | 53.8%   |
| <b>Female</b>           | 2,079   | 2,306    | 2,110    | 1,919   | 2,521   | 2,564   | 1,455   | 1,557   | 2,079   |
| Population              | 324,292 | 332,602  | 340,134  | 351,066 | 363,017 | 375,991 | 389,358 | 398,174 | 324,292 |
| Rate per 100,000        | 641.09  | 693.32   | 620.34   | 546.62  | 694.46  | 681.93  | 373.69  | 391.04  | 641.09  |
| Percent of Total        | 46.2%   | 37.3%    | 36.0%    | 37.3%   | 40.8%   | 40.2%   | 42.1%   | 42.5%   | 46.2%   |
| <b>Unknown</b>          | 0       | 0        | 0        | 0       | 0       | 0       | 0       | 4       | 0       |
| Percent of Total        | 0.0%    | 0.0%     | 0.0%     | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.1%    | 0.0%    |

**Figure 2.2**  
Kern County  
Treatment  
Admission Rate  
per 100,000  
Population by  
Client Gender



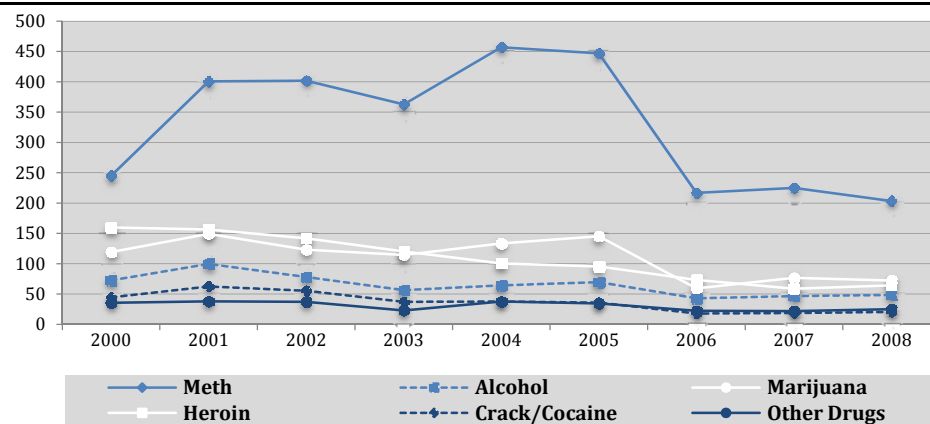
## Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

**Table 2.3**

Treatment Admissions by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population

|                         | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>TOTAL ADMISSIONS</b> | 4,504  | 6,182  | 5,857  | 5,146  | 6,184  | 6,375  | 3,459  | 3,660  | 3,625  |
| <b>Methamphetamines</b> | 1,631  | 2,733  | 2,809  | 2,615  | 3,402  | 3,442  | 1,733  | 1,839  | 1,699  |
| Percent of Total        | 36.2%  | 44.2%  | 48.0%  | 50.8%  | 55.0%  | 54.0%  | 50.1%  | 50.2%  | 46.9%  |
| Rate per 100,000        | 245.07 | 400.73 | 401.66 | 362.73 | 456.96 | 446.93 | 216.77 | 225.07 | 203.47 |
| <b>Alcohol</b>          | 483    | 680    | 546    | 406    | 479    | 536    | 344    | 381    | 404    |
| Percent of Total        | 10.7%  | 11.0%  | 9.3%   | 7.9%   | 7.7%   | 8.4%   | 9.9%   | 10.4%  | 11.1%  |
| Rate per 100,000        | 72.57  | 99.71  | 78.07  | 56.32  | 64.34  | 69.60  | 43.03  | 46.63  | 48.38  |
| <b>Marijuana</b>        | 793    | 1,018  | 862    | 825    | 994    | 1,119  | 474    | 627    | 604    |
| Percent of Total        | 17.6%  | 16.5%  | 14.7%  | 16.0%  | 16.1%  | 17.6%  | 13.7%  | 17.1%  | 16.7%  |
| Rate per 100,000        | 119.16 | 149.27 | 123.26 | 114.44 | 133.51 | 145.30 | 59.29  | 76.74  | 72.33  |
| <b>Heroin</b>           | 1,064  | 1,067  | 992    | 867    | 748    | 736    | 587    | 481    | 538    |
| Percent of Total        | 23.6%  | 17.3%  | 16.9%  | 16.8%  | 12.1%  | 11.5%  | 17.0%  | 13.1%  | 14.8%  |
| Rate per 100,000        | 159.88 | 156.45 | 141.85 | 120.26 | 100.47 | 95.57  | 73.42  | 58.87  | 64.43  |
| <b>Crack/Cocaine</b>    | 297    | 426    | 388    | 267    | 280    | 276    | 143    | 153    | 172    |
| Percent of Total        | 6.6%   | 6.9%   | 6.6%   | 5.2%   | 4.5%   | 4.3%   | 4.1%   | 4.2%   | 4.7%   |
| Rate per 100,000        | 44.63  | 62.46  | 55.48  | 37.04  | 37.61  | 35.84  | 17.89  | 18.72  | 20.60  |
| <b>Other Drugs</b>      | 236    | 258    | 260    | 166    | 281    | 266    | 178    | 179    | 208    |
| Percent of Total        | 5.2%   | 4.2%   | 4.4%   | 3.2%   | 4.5%   | 4.2%   | 5.1%   | 4.9%   | 5.7%   |
| Rate per 100,000        | 35.46  | 37.83  | 37.18  | 23.03  | 37.74  | 34.54  | 22.26  | 21.91  | 24.91  |

**Figure 2.3**  
Kern County  
Treatment  
Admission Rate  
per 100,000  
Population by  
Primary Drug Type





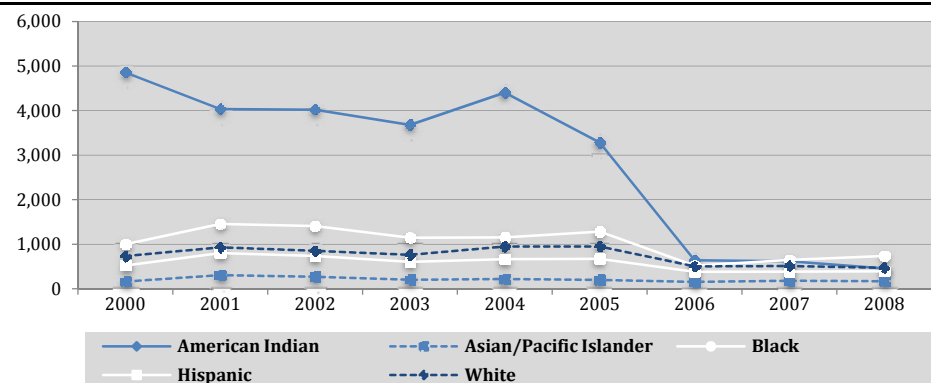
## Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

**Table 2.4**

Admissions to Alcohol and Other Drug Treatment by Client Race/Ethnicity, Rate per 100,000 Population, and Percent of Total Admissions

|                               | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006    | 2007    | 2008    |
|-------------------------------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
| <b>TOTAL ADMISSIONS</b>       | 4,504    | 6,182    | 5,857    | 5,146    | 6,184    | 6,375    | 3,459   | 3,660   | 3,625   |
| <b>American Indian</b>        | 295      | 249      | 252      | 235      | 288      | 219      | 44      | 43      | 32      |
| Population                    | 6,074    | 6,171    | 6,267    | 6,391    | 6,541    | 6,669    | 6,863   | 6,942   | 7,018   |
| Rate per 100,000              | 4,856.77 | 4,035.00 | 4,021.06 | 3,677.05 | 4,403.00 | 3,283.85 | 641.12  | 619.42  | 455.97  |
| Percent of Total              | 6.5%     | 4.0%     | 4.3%     | 4.6%     | 4.7%     | 3.4%     | 1.3%    | 1.2%    | 0.9%    |
| <b>Asian/Pacific Islander</b> | 37       | 73       | 67       | 52       | 60       | 57       | 47      | 56      | 54      |
| Population                    | 22,943   | 23,805   | 24,724   | 25,936   | 27,279   | 28,674   | 30,330  | 31,111  | 31,896  |
| Rate per 100,000              | 161.27   | 306.66   | 270.99   | 200.49   | 219.95   | 198.79   | 154.96  | 180.00  | 169.30  |
| Percent of Total              | 0.8%     | 1.2%     | 1.1%     | 1.0%     | 1.0%     | 0.9%     | 1.4%    | 1.5%    | 1.5%    |
| <b>Black</b>                  | 384      | 570      | 561      | 467      | 480      | 547      | 227     | 292     | 341     |
| Population                    | 38,401   | 39,136   | 39,843   | 40,735   | 41,664   | 42,672   | 43,885  | 45,066  | 46,258  |
| Rate per 100,000              | 999.97   | 1,456.46 | 1,408.03 | 1,146.43 | 1,152.07 | 1,281.87 | 517.26  | 647.94  | 737.17  |
| Percent of Total              | 8.5%     | 9.2%     | 9.6%     | 9.1%     | 7.8%     | 8.6%     | 6.6%    | 8.0%    | 9.4%    |
| <b>Hispanic</b>               | 1,330    | 2,141    | 2,052    | 1,771    | 2,056    | 2,190    | 1,316   | 1,375   | 1,443   |
| Population                    | 255,578  | 267,083  | 279,196  | 293,822  | 309,686  | 326,355  | 344,845 | 356,729 | 368,818 |
| Rate per 100,000              | 520.39   | 801.62   | 734.97   | 602.75   | 663.90   | 671.05   | 381.62  | 385.45  | 391.25  |
| Percent of Total              | 29.5%    | 34.6%    | 35.0%    | 34.4%    | 33.2%    | 34.4%    | 38.0%   | 37.6%   | 39.8%   |
| <b>White</b>                  | 2,432    | 3,121    | 2,888    | 2,617    | 3,299    | 3,360    | 1,817   | 1,869   | 1,738   |
| Population                    | 332,431  | 335,646  | 339,015  | 343,505  | 348,465  | 354,615  | 362,417 | 366,032 | 369,718 |
| Rate per 100,000              | 731.58   | 929.85   | 851.88   | 761.85   | 946.72   | 947.51   | 501.36  | 510.61  | 470.09  |
| Percent of Total              | 54.0%    | 50.5%    | 49.3%    | 50.9%    | 53.3%    | 52.7%    | 52.5%   | 51.1%   | 47.9%   |
| <b>Other</b>                  | 26       | 28       | 37       | 4        | 1        | 2        | 8       | 25      | 17      |
| Percent of Total              | 0.6%     | 0.5%     | 0.6%     | 0.1%     | 0.0%     | 0.0%     | 0.2%    | 0.7%    | 0.5%    |

**Figure 2.4**  
Kern County  
Treatment  
Admission Rate  
per 100,000  
Population by  
Client Race/  
Ethnicity



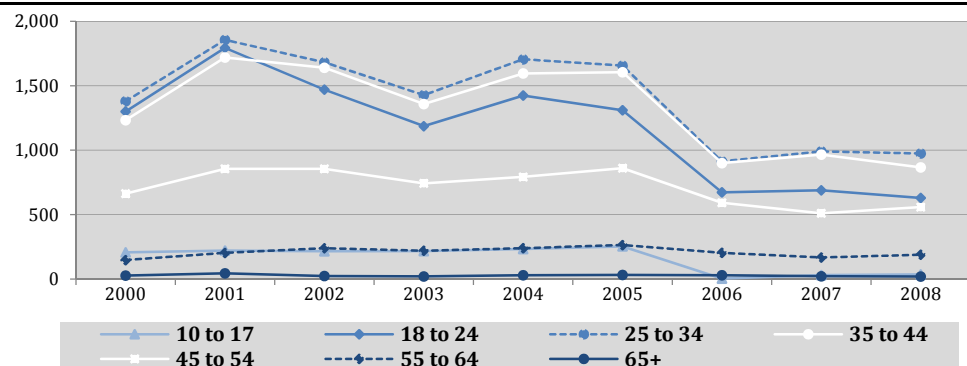
## Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

**Table 2.5**

Admissions to Alcohol and Other Drug Treatment by Client Age Category, Rate per 100,000 Population, and Percent of Total Admissions

|                           | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006    | 2007    | 2008    |
|---------------------------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
| <b>TOTAL ADMISSIONS</b>   | 4,504    | 6,182    | 5,857    | 5,146    | 6,184    | 6,375    | 3,459   | 3,660   | 3,625   |
| <b>17 Years and Under</b> | 440      | 477      | 471      | 485      | 537      | 601      | 9       | 77      | 90      |
| Population                | 212,040  | 215,424  | 218,179  | 223,836  | 230,059  | 236,744  | 243,925 | 248,118 | 252,141 |
| Rate per 100,000          | 207.51   | 221.42   | 215.88   | 216.68   | 233.42   | 253.86   | 3.69    | 31.03   | 35.69   |
| Percent of Total          | 9.8%     | 7.7%     | 8.0%     | 9.4%     | 8.7%     | 9.4%     | 0.3%    | 2.1%    | 2.5%    |
| <b>18 to 24 Years</b>     | 896      | 1,327    | 1,169    | 1,009    | 1,297    | 1,262    | 688     | 713     | 659     |
| Population                | 68,927   | 73,993   | 79,527   | 85,060   | 91,076   | 96,333   | 102,229 | 103,518 | 104,664 |
| Rate per 100,000          | 1,299.93 | 1,793.41 | 1,469.94 | 1,186.22 | 1,424.09 | 1,310.04 | 673.00  | 688.77  | 629.63  |
| Percent of Total          | 19.9%    | 21.5%    | 20.0%    | 19.6%    | 21.0%    | 19.8%    | 19.9%   | 19.5%   | 18.2%   |
| <b>25 to 34 Years</b>     | 1,286    | 1,755    | 1,635    | 1,430    | 1,767    | 1,784    | 1,043   | 1,178   | 1,213   |
| Population                | 93,224   | 94,565   | 97,220   | 100,147  | 103,639  | 107,727  | 114,178 | 118,931 | 124,454 |
| Rate per 100,000          | 1,379.47 | 1,855.87 | 1,681.75 | 1,427.90 | 1,704.96 | 1,656.04 | 913.49  | 990.49  | 974.66  |
| Percent of Total          | 28.6%    | 28.4%    | 27.9%    | 27.8%    | 28.6%    | 28.0%    | 30.2%   | 32.2%   | 33.5%   |
| <b>35 to 44 Years</b>     | 1,280    | 1,796    | 1,715    | 1,429    | 1,690    | 1,710    | 967     | 1,030   | 916     |
| Population                | 103,829  | 104,465  | 104,612  | 105,233  | 105,917  | 106,563  | 107,501 | 106,634 | 105,703 |
| Rate per 100,000          | 1,232.80 | 1,719.24 | 1,639.39 | 1,357.94 | 1,595.59 | 1,604.68 | 899.53  | 965.92  | 866.58  |
| Percent of Total          | 28.4%    | 29.1%    | 29.3%    | 27.8%    | 27.3%    | 26.8%    | 28.0%   | 28.1%   | 25.3%   |
| <b>45 to 54 Years</b>     | 515      | 699      | 728      | 660      | 737      | 838      | 603     | 536     | 602     |
| Population                | 77,671   | 81,674   | 85,091   | 88,881   | 92,964   | 97,385   | 101,775 | 105,027 | 107,810 |
| Rate per 100,000          | 663.05   | 855.84   | 855.55   | 742.57   | 792.78   | 860.50   | 592.48  | 510.34  | 558.39  |
| Percent of Total          | 11.4%    | 11.3%    | 12.4%    | 12.8%    | 11.9%    | 13.1%    | 17.4%   | 14.6%   | 16.6%   |
| <b>55 to 64 Years</b>     | 70       | 100      | 124      | 120      | 137      | 159      | 129     | 111     | 131     |
| Population                | 47,527   | 49,210   | 51,777   | 54,473   | 57,141   | 60,232   | 63,216  | 66,271  | 69,384  |
| Rate per 100,000          | 147.28   | 203.21   | 239.49   | 220.29   | 239.76   | 263.98   | 204.06  | 167.49  | 188.80  |
| Percent of Total          | 1.6%     | 1.6%     | 2.1%     | 2.3%     | 2.2%     | 2.5%     | 3.7%    | 3.0%    | 3.6%    |
| <b>65 Years and Older</b> | 17       | 28       | 15       | 13       | 19       | 21       | 20      | 15      | 14      |
| Population                | 62,301   | 62,674   | 62,938   | 63,300   | 63,693   | 65,167   | 66,651  | 68,596  | 70,851  |
| Rate per 100,000          | 27.29    | 44.68    | 23.83    | 20.54    | 29.83    | 32.22    | 30.01   | 21.87   | 19.76   |
| Percent of Total          | 0.4%     | 0.5%     | 0.3%     | 0.3%     | 0.3%     | 0.3%     | 0.6%    | 0.4%    | 0.4%    |

**Figure 2.5**  
Kern County  
Treatment  
Admission Rate  
per 100,000  
Population by  
Client Age  
Category



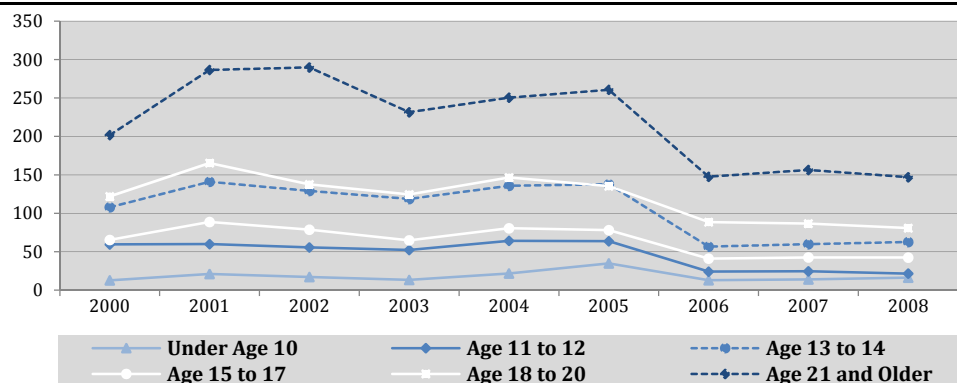
## Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

**Table 2.6**

Characteristics of Clients Admitted to Alcohol and Other Drug Treatment and Rate per 100,000 Population

|                                    |                   | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|------------------------------------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL COUNTY ADMISSIONS</b>     |                   | 4,504   | 6,182   | 5,857   | 5,146   | 6,184   | 6,375   | 3,459   | 3,660   | 3,625   |
| <b>Age Initiated Substance Use</b> | Under Age 10      | 85      | 143     | 120     | 96      | 162     | 268     | 104     | 114     | 136     |
|                                    | Rate Per 100,000  | 12.77   | 20.97   | 17.16   | 13.32   | 21.76   | 34.80   | 13.01   | 13.95   | 16.29   |
|                                    | Age 11 to 12      | 396     | 409     | 389     | 377     | 478     | 490     | 193     | 201     | 180     |
|                                    | Rate Per 100,000  | 59.50   | 59.97   | 55.62   | 52.29   | 64.21   | 63.62   | 24.14   | 24.60   | 21.56   |
|                                    | Age 13 to 14      | 718     | 962     | 903     | 855     | 1,011   | 1,061   | 453     | 489     | 523     |
|                                    | Rate Per 100,000  | 107.89  | 141.05  | 129.12  | 118.60  | 135.80  | 137.77  | 56.66   | 59.85   | 62.63   |
|                                    | Age 15 to 17      | 1,087   | 1,513   | 1,376   | 1,169   | 1,499   | 1,504   | 821     | 870     | 885     |
|                                    | Rate Per 100,000  | 65.33   | 88.74   | 78.70   | 64.86   | 80.54   | 78.11   | 41.08   | 42.59   | 42.39   |
|                                    | Age 18 to 20      | 812     | 1,128   | 962     | 897     | 1,091   | 1,042   | 708     | 708     | 674     |
|                                    | Rate Per 100,000  | 122.01  | 165.39  | 137.56  | 124.42  | 146.54  | 135.30  | 88.56   | 86.65   | 80.72   |
|                                    | Age 21 and Older  | 1,343   | 1,954   | 2,026   | 1,669   | 1,865   | 2,008   | 1,180   | 1,278   | 1,227   |
|                                    | Rate Per 100,000  | 201.80  | 286.51  | 289.70  | 231.51  | 250.51  | 260.73  | 147.60  | 156.41  | 146.94  |
| <b>IV Drug Users</b>               |                   |         |         |         |         |         |         |         |         |         |
|                                    | Number            | 2,657   | 3,474   | 3,093   | 2,730   | 3,147   | 1,558   | 995     | 923     | 938     |
|                                    | Rate Per 100,000  | 399.24  | 509.38  | 442.27  | 378.68  | 422.71  | 202.30  | 124.46  | 112.96  | 112.33  |
| <b>Pregnant</b>                    |                   |         |         |         |         |         |         |         |         |         |
|                                    | Number            | 268     | 390     | 365     | 262     | 341     | 246     | 108     | 163     | 122     |
|                                    | Female Population | 324,292 | 332,602 | 340,134 | 351,066 | 363,017 | 375,991 | 389,358 | 398,174 | 407,127 |
|                                    | Rate Per 100,000  | 82.64   | 117.26  | 107.31  | 74.63   | 93.93   | 65.43   | 27.74   | 40.94   | 29.97   |

**Figure 2.6**  
Kern County Age  
of Substance Use  
Initiation Rate per  
100,000  
Population



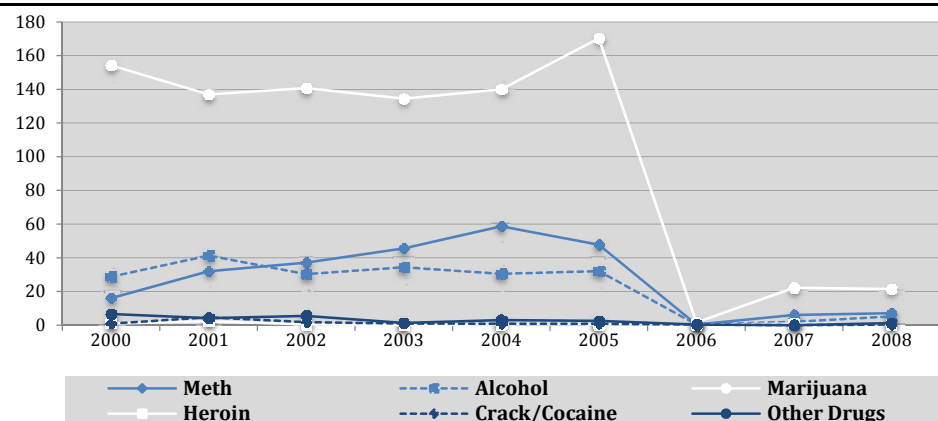
## Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

**Table 2.7**

AOD Treatment Admissions by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population 0 to 17 Years

|                                      | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|--------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL ADMISSIONS UNDER AGE 18</b> | 440     | 477     | 471     | 485     | 537     | 601     | 9       | 77      | 90      |
| <b>Methamphetamines</b>              | 34      | 69      | 81      | 102     | 135     | 113     | 1       | 15      | 18      |
| Population 0 to 17                   | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 | 252,141 |
| Percent of Total                     | 7.7%    | 14.5%   | 17.2%   | 21.0%   | 25.1%   | 18.8%   | 11.1%   | 19.5%   | 20.0%   |
| Rate per 100,000                     | 16.03   | 32.03   | 37.13   | 45.57   | 58.68   | 47.73   | 0.41    | 6.05    | 7.14    |
| <b>Alcohol</b>                       | 61      | 89      | 66      | 77      | 70      | 76      | 1       | 5       | 13      |
| Population 0 to 17                   | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 | 252,141 |
| Percent of Total                     | 13.9%   | 18.7%   | 14.0%   | 15.9%   | 13.0%   | 12.6%   | 11.1%   | 6.5%    | 14.4%   |
| Rate per 100,000                     | 28.77   | 41.31   | 30.25   | 34.40   | 30.43   | 32.10   | 0.41    | 2.02    | 5.16    |
| <b>Marijuana</b>                     | 327     | 295     | 307     | 301     | 322     | 403     | 4       | 55      | 54      |
| Population 0 to 17                   | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 | 252,141 |
| Percent of Total                     | 74.3%   | 61.8%   | 65.2%   | 62.1%   | 60.0%   | 67.1%   | 44.4%   | 71.4%   | 60.0%   |
| Rate per 100,000                     | 154.22  | 136.94  | 140.71  | 134.47  | 139.96  | 170.23  | 1.64    | 22.17   | 21.42   |
| <b>Heroin</b>                        | 2       | 5       | 1       | 0       | 1       | 1       | 1       | 2       | 1       |
| Population 0 to 17                   | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 | 252,141 |
| Percent of Total                     | 0.5%    | 1.0%    | 0.2%    | 0.0%    | 0.2%    | 0.2%    | 11.1%   | 2.6%    | 1.1%    |
| Rate per 100,000                     | 0.94    | 2.32    | 0.46    | 0.00    | 0.43    | 0.42    | 0.41    | 0.81    | 0.40    |
| <b>Crack/Cocaine</b>                 | 2       | 10      | 4       | 2       | 2       | 2       | 1       | 0       | 1       |
| Population 0 to 17                   | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 | 252,141 |
| Percent of Total                     | 0.5%    | 2.1%    | 0.8%    | 0.4%    | 0.4%    | 0.3%    | 11.1%   | 0.0%    | 1.1%    |
| Rate per 100,000                     | 0.94    | 4.64    | 1.83    | 0.89    | 0.87    | 0.84    | 0.41    | 0.00    | 0.40    |
| <b>Other Drugs</b>                   | 14      | 9       | 12      | 3       | 7       | 6       | 1       | 0       | 3       |
| Population 0 to 17                   | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 | 252,141 |
| Percent of Total                     | 3.2%    | 1.9%    | 2.5%    | 0.6%    | 1.3%    | 1.0%    | 11.1%   | 0.0%    | 3.3%    |
| Rate per 100,000                     | 6.60    | 4.18    | 5.50    | 1.34    | 3.04    | 2.53    | 0.41    | 0.00    | 1.19    |

**Figure 2.7**  
Kern County  
Underage  
Treatment  
Admission Rate  
per 100,000  
Population 0 to 17  
by Primary Drug  
Type



## Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

**Table 2.8**

AOD Treatment Admissions among Youth Under Age 18 by Client Gender and Race/Ethnicity, Rate per 100,000 Population 0 to 17 Years, and Percent of Total Admissions

|                                      | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|--------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL ADMISSIONS UNDER AGE 18</b> | 440     | 477     | 471     | 485     | 537     | 601     | 9       | 77      | 90      |
| <b>Male</b>                          | 378     | 429     | 442     | 444     | 480     | 548     | 4       | 40      | 62      |
| Population 0 to 17                   | 108,714 | 110,252 | 111,575 | 114,447 | 117,558 | 120,939 | 124,518 | 126,661 | 128,708 |
| Rate per 100,000                     | 347.70  | 389.11  | 396.15  | 387.95  | 408.31  | 453.12  | 3.21    | 31.58   | 48.17   |
| Percent of Total                     | 85.9%   | 89.9%   | 93.8%   | 91.5%   | 89.4%   | 91.2%   | 44.4%   | 51.9%   | 68.9%   |
| <b>Female</b>                        | 62      | 48      | 29      | 41      | 57      | 53      | 5       | 33      | 28      |
| Population 0 to 17                   | 103,326 | 105,172 | 106,604 | 109,389 | 112,501 | 115,805 | 119,407 | 121,457 | 123,433 |
| Rate per 100,000                     | 60.00   | 45.64   | 27.20   | 37.48   | 50.67   | 45.77   | 4.19    | 27.17   | 22.68   |
| Percent of Total                     | 14.1%   | 10.1%   | 6.2%    | 8.5%    | 10.6%   | 8.8%    | 55.6%   | 42.9%   | 31.1%   |
| <b>Unknown</b>                       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 4       | 0       |
| Percent of Total                     | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 5.2%    | 0.0%    |
| <b>American Indian</b>               | 13      | 13      | 11      | 11      | 13      | 14      | 0       | 0       | 0       |
| Population 0 to 17                   | 1,706   | 1,660   | 1,603   | 1,563   | 1,532   | 1,493   | 1,495   | 1,471   | 1,442   |
| Rate per 100,000                     | 762.02  | 783.13  | 686.21  | 703.77  | 848.56  | 937.71  | 0.00    | 0.00    | 0.00    |
| Percent of Total                     | 3.0%    | 2.7%    | 2.3%    | 2.3%    | 2.4%    | 2.3%    | 0.0%    | 0.0%    | 0.0%    |
| <b>Asian/Pacific Islander</b>        | 4       | 5       | 4       | 6       | 5       | 5       | 0       | 0       | 0       |
| Population 0 to 17                   | 6,348   | 6,442   | 6,564   | 6,807   | 7,062   | 7,357   | 7,781   | 7,867   | 7,969   |
| Rate per 100,000                     | 63.01   | 77.62   | 60.94   | 88.14   | 70.80   | 67.96   | 0.00    | 0.00    | 0.00    |
| Percent of Total                     | 0.9%    | 1.0%    | 0.8%    | 1.2%    | 0.9%    | 0.8%    | 0.0%    | 0.0%    | 0.0%    |
| <b>Black</b>                         | 40      | 54      | 44      | 69      | 66      | 93      | 3       | 10      | 7       |
| Population 0 to 17                   | 12,727  | 12,903  | 12,536  | 12,760  | 12,959  | 13,136  | 12,854  | 13,171  | 13,461  |
| Rate per 100,000                     | 314.29  | 418.51  | 350.99  | 540.75  | 509.30  | 707.98  | 23.34   | 75.92   | 52.00   |
| Percent of Total                     | 9.1%    | 11.3%   | 9.3%    | 14.2%   | 12.3%   | 15.5%   | 33.3%   | 13.0%   | 7.8%    |
| <b>Hispanic</b>                      | 199     | 259     | 254     | 246     | 276     | 316     | 3       | 35      | 41      |
| Population 0 to 17                   | 103,551 | 106,638 | 109,534 | 114,026 | 118,921 | 124,132 | 129,459 | 133,200 | 136,742 |
| Rate per 100,000                     | 192.18  | 242.88  | 231.89  | 215.74  | 232.09  | 254.57  | 2.32    | 26.28   | 29.98   |
| Percent of Total                     | 45.2%   | 54.3%   | 53.9%   | 50.7%   | 51.4%   | 52.6%   | 33.3%   | 45.5%   | 45.6%   |
| <b>White</b>                         | 182     | 146     | 158     | 153     | 177     | 173     | 3       | 27      | 39      |
| Population 0 to 17                   | 83,007  | 82,963  | 82,966  | 83,476  | 84,095  | 84,851  | 86,687  | 86,811  | 86,992  |
| Rate per 100,000                     | 219.26  | 175.98  | 190.44  | 183.29  | 210.48  | 203.89  | 3.46    | 31.10   | 44.83   |
| Percent of Total                     | 41.4%   | 30.6%   | 33.5%   | 31.5%   | 33.0%   | 28.8%   | 33.3%   | 35.1%   | 43.3%   |
| <b>Other</b>                         | 2       | 0       | 0       | 0       | 0       | 0       | 0       | 5       | 3       |
| Percent of Total                     | 0.5%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 6.5%    | 3.3%    |

## Indicator 3: Arrests for Drug-Related Crime

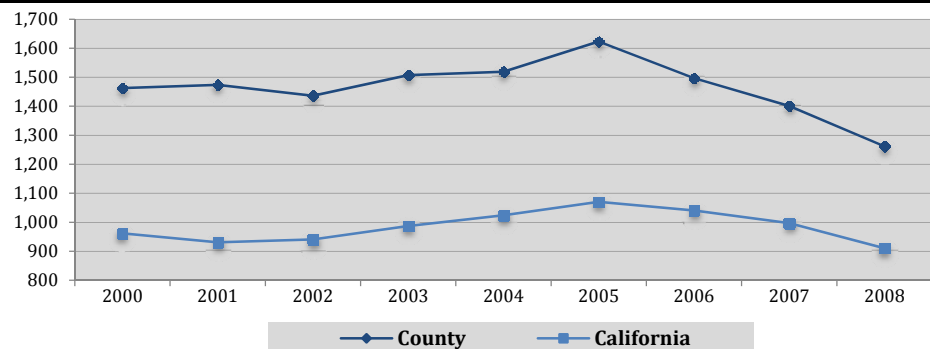
The number of felony and misdemeanor arrests for drug crimes, including dangerous drugs, narcotics, marijuana, and other drug violations and rate per 100,000 population 10 to 69 years.

**Table 3.1**

Number of Arrests for Felony and Misdemeanor Drug Offenses and Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates

|                                | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Number of Drug-Related Arrests | 7,369    | 7,653    | 7,701    | 8,376    | 8,753    | 9,700    | 9,299    | 8,885    | 8,159    |
| Population 10 to 69            | 503,835  | 519,379  | 536,298  | 555,647  | 576,209  | 597,547  | 621,338  | 634,161  | 646,671  |
| Rate per 100,000               | 1,462.58 | 1,473.49 | 1,435.96 | 1,507.43 | 1,519.07 | 1,623.30 | 1,496.61 | 1,401.06 | 1,261.69 |
| CALIFORNIA<br>Rate per 100,000 | 961.65   | 931.02   | 940.74   | 986.91   | 1,023.80 | 1,070.18 | 1,040.85 | 997.25   | 910.20   |

**Figure 3.1**  
Kern County Drug Arrest Rate per 100,000 Population 10 to 69 with Comparison to Statewide Rates

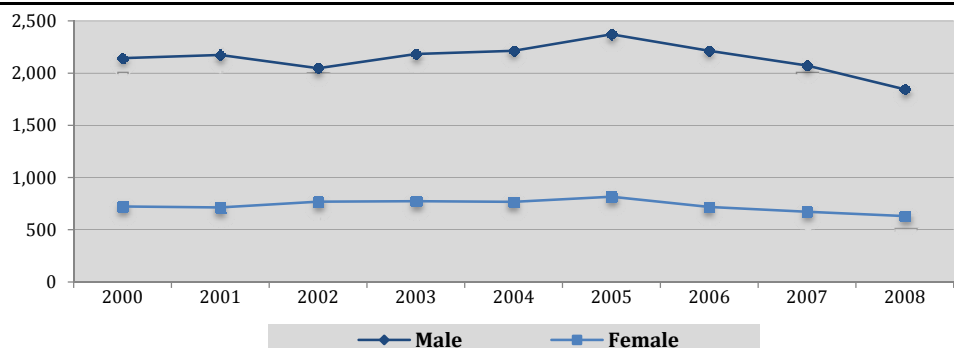


**Table 3.2**

Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

|                      | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>TOTAL ARRESTS</b> | 7,369    | 7,653    | 7,701    | 8,376    | 8,753    | 9,700    | 9,299    | 8,885    | 8,159    |
| <b>Male</b>          | 5,625    | 5,875    | 5,729    | 6,318    | 6,633    | 7,355    | 7,160    | 6,838    | 6,202    |
| Population 10 to 69  | 262,476  | 270,229  | 279,878  | 289,469  | 299,622  | 310,167  | 323,370  | 329,865  | 336,094  |
| Rate per 100,000     | 2,143.05 | 2,174.08 | 2,046.96 | 2,182.62 | 2,213.79 | 2,371.30 | 2,214.18 | 2,072.97 | 1,845.32 |
| Percent of Total     | 76.3%    | 76.8%    | 74.4%    | 75.4%    | 75.8%    | 75.8%    | 77.0%    | 77.0%    | 76.0%    |
| <b>Female</b>        | 1,744    | 1,778    | 1,972    | 2,058    | 2,120    | 2,345    | 2,139    | 2,047    | 1,957    |
| Population 10 to 69  | 241,359  | 249,150  | 256,420  | 266,178  | 276,587  | 287,380  | 297,968  | 304,296  | 310,577  |
| Rate per 100,000     | 722.58   | 713.63   | 769.05   | 773.17   | 766.49   | 815.99   | 717.86   | 672.70   | 630.12   |
| Percent of Total     | 23.7%    | 23.2%    | 25.6%    | 24.6%    | 24.2%    | 24.2%    | 23.0%    | 23.0%    | 24.0%    |

**Figure 3.2**  
Kern County Drug Arrest Rate per 100,000 Population 10 to 69 by Offender Gender



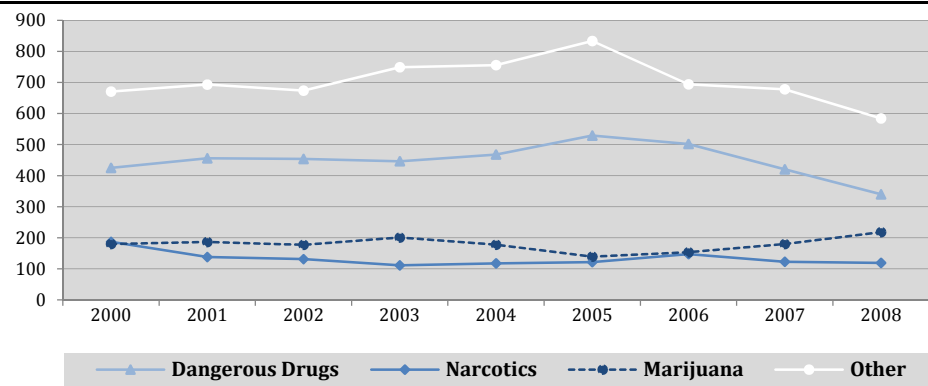
## Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.3**

Number of Arrests for Felony and Misdemeanor Drug Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

|                              | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL ARRESTS</b>         | 7,369   | 7,653   | 7,701   | 8,376   | 8,753   | 9,700   | 9,299   | 8,885   | 8,159   |
| <b>Dangerous Drugs</b>       | 2,141   | 2,368   | 2,433   | 2,480   | 2,696   | 3,160   | 3,118   | 2,665   | 2,199   |
| Population 10 to 69          | 503,835 | 519,379 | 536,298 | 555,647 | 576,209 | 597,547 | 621,338 | 634,161 | 646,671 |
| Rate per 100,000             | 424.94  | 455.93  | 453.67  | 446.33  | 467.89  | 528.83  | 501.82  | 420.24  | 340.05  |
| Percent of Total             | 29.1%   | 30.9%   | 31.6%   | 29.6%   | 30.8%   | 32.6%   | 33.5%   | 30.0%   | 27.0%   |
| <b>Narcotics</b>             | 942     | 717     | 704     | 618     | 678     | 728     | 916     | 779     | 771     |
| Population 10 to 69          | 503,835 | 519,379 | 536,298 | 555,647 | 576,209 | 597,547 | 621,338 | 634,161 | 646,671 |
| Rate per 100,000             | 186.97  | 138.05  | 131.27  | 111.22  | 117.67  | 121.83  | 147.42  | 122.84  | 119.23  |
| Percent of Total             | 12.8%   | 9.4%    | 9.1%    | 7.4%    | 7.7%    | 7.5%    | 9.9%    | 8.8%    | 9.4%    |
| <b>Marijuana</b>             | 907     | 968     | 951     | 1,116   | 1,024   | 832     | 953     | 1,141   | 1,411   |
| Population 10 to 69          | 503,835 | 519,379 | 536,298 | 555,647 | 576,209 | 597,547 | 621,338 | 634,161 | 646,671 |
| Rate per 100,000             | 180.02  | 186.38  | 177.33  | 200.85  | 177.71  | 139.24  | 153.38  | 179.92  | 218.19  |
| Percent of Total             | 12.3%   | 12.6%   | 12.3%   | 13.3%   | 11.7%   | 8.6%    | 10.2%   | 12.8%   | 17.3%   |
| <b>Other Drug Violations</b> | 3,379   | 3,600   | 3,613   | 4,162   | 4,355   | 4,980   | 4,312   | 4,300   | 3,778   |
| Population 10 to 69          | 503,835 | 519,379 | 536,298 | 555,647 | 576,209 | 597,547 | 621,338 | 634,161 | 646,671 |
| Rate per 100,000             | 670.66  | 693.14  | 673.69  | 749.04  | 755.80  | 833.41  | 693.99  | 678.06  | 584.22  |
| Percent of Total             | 45.9%   | 47.0%   | 46.9%   | 49.7%   | 49.8%   | 51.3%   | 46.4%   | 48.4%   | 46.3%   |

**Figure 3.3**  
Kern County Drug  
Arrest Rate per  
100,000  
Population 10 to 69  
by Specific Offense



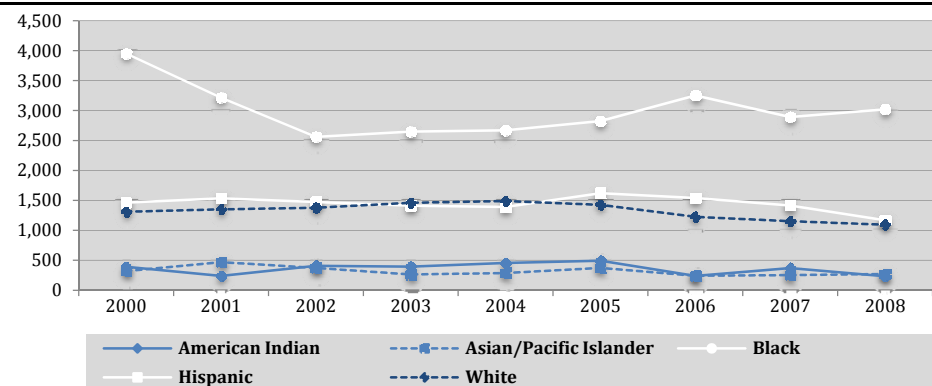
## Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.4**

Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

|                               | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>TOTAL ARRESTS</b>          | 7,369    | 7,653    | 7,701    | 8,376    | 8,753    | 9,700    | 9,299    | 8,885    | 8,159    |
| <b>American Indian</b>        | 19       | 12       | 21       | 21       | 25       | 28       | 14       | 22       | 14       |
| Population 10 to 69           | 4,858    | 5,001    | 5,154    | 5,316    | 5,499    | 5,675    | 5,858    | 5,925    | 5,995    |
| Rate per 100,000              | 391.11   | 239.95   | 407.45   | 395.03   | 454.63   | 493.39   | 238.99   | 371.31   | 233.53   |
| Percent of Total              | 0.3%     | 0.2%     | 0.3%     | 0.3%     | 0.3%     | 0.3%     | 0.2%     | 0.2%     | 0.2%     |
| <b>Asian/Pacific Islander</b> | 58       | 89       | 74       | 55       | 63       | 86       | 59       | 63       | 69       |
| Population 10 to 69           | 18,183   | 18,960   | 19,770   | 20,789   | 21,929   | 23,061   | 24,294   | 24,848   | 25,398   |
| Rate per 100,000              | 318.98   | 469.41   | 374.30   | 264.56   | 287.29   | 372.92   | 242.86   | 253.54   | 271.67   |
| Percent of Total              | 0.8%     | 1.2%     | 1.0%     | 0.7%     | 0.7%     | 0.9%     | 0.6%     | 0.7%     | 0.8%     |
| <b>Black</b>                  | 1,176    | 982      | 810      | 860      | 891      | 969      | 1,156    | 1,053    | 1,125    |
| Population 10 to 69           | 29,769   | 30,545   | 31,624   | 32,466   | 33,379   | 34,298   | 35,548   | 36,404   | 37,245   |
| Rate per 100,000              | 3,950.42 | 3,214.93 | 2,561.35 | 2,648.93 | 2,669.34 | 2,825.24 | 3,251.94 | 2,892.54 | 3,020.54 |
| Percent of Total              | 16.0%    | 12.8%    | 10.5%    | 10.3%    | 10.2%    | 10.0%    | 12.4%    | 11.9%    | 13.8%    |
| <b>Hispanic</b>               | 2,760    | 3,046    | 3,083    | 3,131    | 3,263    | 4,024    | 4,055    | 3,851    | 3,283    |
| Population 10 to 69           | 188,592  | 198,561  | 209,315  | 221,684  | 234,813  | 248,290  | 263,332  | 272,092  | 280,738  |
| Rate per 100,000              | 1,463.48 | 1,534.04 | 1,472.90 | 1,412.37 | 1,389.62 | 1,620.69 | 1,539.88 | 1,415.33 | 1,169.42 |
| Percent of Total              | 37.5%    | 39.8%    | 40.0%    | 37.4%    | 37.3%    | 41.5%    | 43.6%    | 43.3%    | 40.2%    |
| <b>White</b>                  | 3,348    | 3,506    | 3,632    | 3,924    | 4,085    | 3,990    | 3,503    | 3,321    | 3,182    |
| Population 10 to 69           | 255,554  | 259,542  | 263,798  | 268,830  | 274,064  | 279,735  | 285,828  | 288,365  | 290,714  |
| Rate per 100,000              | 1,310.09 | 1,350.84 | 1,376.81 | 1,459.66 | 1,490.53 | 1,426.35 | 1,225.56 | 1,151.67 | 1,094.55 |
| Percent of Total              | 45.4%    | 45.8%    | 47.2%    | 46.8%    | 46.7%    | 41.1%    | 37.7%    | 37.4%    | 39.0%    |
| <b>Other</b>                  | 8        | 18       | 81       | 385      | 426      | 603      | 512      | 575      | 486      |
| Percent of Total              | 0.1%     | 0.2%     | 1.1%     | 4.6%     | 4.9%     | 6.2%     | 5.5%     | 6.5%     | 6.0%     |

**Figure 3.4**  
Kern County Drug  
Arrest Rate per  
100,000  
Population 10 to 69  
by Offender Race/  
Ethnicity





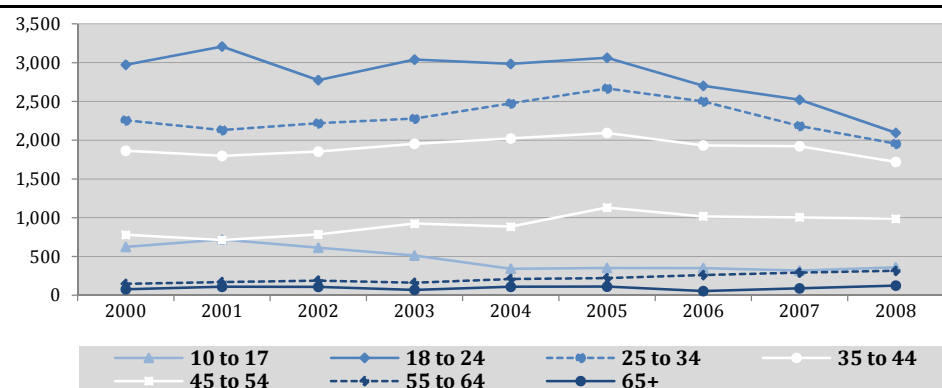
## Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.5**

Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Age Category, Rate per 100,000 Population, and Percent of Total Drug Arrests

|                           | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>TOTAL ARRESTS</b>      | 7,369    | 7,653    | 7,701    | 8,376    | 8,753    | 9,700    | 9,299    | 8,885    | 8,159    |
| <b>17 Years and Under</b> | 590      | 699      | 612      | 529      | 364      | 386      | 393      | 358      | 405      |
| Population 10 to 17       | 94,541   | 97,210   | 99,681   | 103,186  | 106,342  | 109,630  | 112,118  | 112,517  | 112,255  |
| Rate per 100,000          | 624.07   | 719.06   | 613.96   | 512.67   | 342.29   | 352.09   | 350.52   | 318.17   | 360.79   |
| Percent of Total          | 8.0%     | 9.1%     | 7.9%     | 6.3%     | 4.2%     | 4.0%     | 4.2%     | 4.0%     | 5.0%     |
| <b>18 to 24 Years</b>     | 2,049    | 2,374    | 2,207    | 2,586    | 2,718    | 2,951    | 2,762    | 2,611    | 2,193    |
| Population                | 68,927   | 73,993   | 79,527   | 85,060   | 91,076   | 96,333   | 102,229  | 103,518  | 104,664  |
| Rate per 100,000          | 2,972.71 | 3,208.41 | 2,775.16 | 3,040.21 | 2,984.32 | 3,063.33 | 2,701.78 | 2,522.27 | 2,095.28 |
| Percent of Total          | 27.8%    | 31.0%    | 28.7%    | 30.9%    | 31.1%    | 30.4%    | 29.7%    | 29.4%    | 26.9%    |
| <b>25 to 34 Years</b>     | 2,104    | 2,015    | 2,157    | 2,282    | 2,565    | 2,874    | 2,855    | 2,598    | 2,432    |
| Population                | 93,224   | 94,565   | 97,220   | 100,147  | 103,639  | 107,727  | 114,178  | 118,931  | 124,454  |
| Rate per 100,000          | 2,256.93 | 2,130.81 | 2,218.68 | 2,278.65 | 2,474.94 | 2,667.85 | 2,500.48 | 2,184.46 | 1,954.14 |
| Percent of Total          | 28.6%    | 26.3%    | 28.0%    | 27.2%    | 29.3%    | 29.6%    | 30.7%    | 29.2%    | 29.8%    |
| <b>35 to 44 Years</b>     | 1,936    | 1,879    | 1,939    | 2,056    | 2,142    | 2,231    | 2,078    | 2,050    | 1,818    |
| Population                | 103,829  | 104,465  | 104,612  | 105,233  | 105,917  | 106,563  | 107,501  | 106,634  | 105,703  |
| Rate per 100,000          | 1,864.60 | 1,798.69 | 1,853.52 | 1,953.76 | 2,022.34 | 2,093.60 | 1,933.01 | 1,922.46 | 1,719.91 |
| Percent of Total          | 26.3%    | 24.6%    | 25.2%    | 24.5%    | 24.5%    | 23.0%    | 22.3%    | 23.1%    | 22.3%    |
| <b>45 to 54 Years</b>     | 606      | 582      | 668      | 822      | 823      | 1,103    | 1,035    | 1,055    | 1,064    |
| Population                | 77,671   | 81,674   | 85,091   | 88,881   | 92,964   | 97,385   | 101,775  | 105,027  | 107,810  |
| Rate per 100,000          | 780.21   | 712.59   | 785.04   | 924.83   | 885.29   | 1,132.62 | 1,016.95 | 1,004.50 | 986.92   |
| Percent of Total          | 8.2%     | 7.6%     | 8.7%     | 9.8%     | 9.4%     | 11.4%    | 11.1%    | 11.9%    | 13.0%    |
| <b>55 to 64 Years</b>     | 70       | 84       | 98       | 88       | 120      | 133      | 165      | 194      | 219      |
| Population                | 47,527   | 49,210   | 51,777   | 54,473   | 57,141   | 60,232   | 63,216   | 66,271   | 69,384   |
| Rate per 100,000          | 147.28   | 170.70   | 189.27   | 161.55   | 210.01   | 220.81   | 261.01   | 292.74   | 315.63   |
| Percent of Total          | 0.9%     | 1.1%     | 1.3%     | 1.1%     | 1.4%     | 1.4%     | 1.8%     | 2.2%     | 2.7%     |
| <b>65 Years and Older</b> | 14       | 20       | 20       | 13       | 21       | 22       | 11       | 19       | 28       |
| Population 65 to 69       | 18,116   | 18,262   | 18,390   | 18,667   | 19,130   | 19,677   | 20,321   | 21,263   | 22,401   |
| Rate per 100,000          | 77.28    | 109.52   | 108.75   | 69.64    | 109.78   | 111.81   | 54.13    | 89.36    | 124.99   |
| Percent of Total          | 0.2%     | 0.3%     | 0.3%     | 0.2%     | 0.2%     | 0.2%     | 0.1%     | 0.2%     | 0.3%     |

**Figure 3.5**  
Kern County Drug  
Arrest Rate per  
100,000  
Population by  
Offender Age  
Category



## Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.6**

Number of Arrests for Felony and Misdemeanor Drug Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Drug Arrests

|                                      | 2000     | 2001     | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   |
|--------------------------------------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| <b>ALL DRUG ARRESTS UNDER AGE 18</b> | 590      | 699      | 612    | 529    | 364    | 386    | 393    | 358    | 405    |
| <b>Male</b>                          | 483      | 565      | 485    | 425    | 294    | 294    | 323    | 301    | 348    |
| Population 10 to 17                  | 48,439   | 49,675   | 50,908 | 52,786 | 54,397 | 56,076 | 57,269 | 57,587 | 57,468 |
| Rate per 100,000                     | 997.13   | 1,137.39 | 952.70 | 805.14 | 540.47 | 524.29 | 564.00 | 522.69 | 605.55 |
| Percent of Total                     | 81.9%    | 80.8%    | 79.2%  | 80.3%  | 80.8%  | 76.2%  | 82.2%  | 84.1%  | 85.9%  |
| <b>Female</b>                        | 107      | 134      | 127    | 104    | 70     | 92     | 70     | 57     | 57     |
| Population 10 to 17                  | 46,102   | 47,535   | 48,773 | 50,400 | 51,945 | 53,554 | 54,849 | 54,930 | 54,787 |
| Rate per 100,000                     | 232.09   | 281.90   | 260.39 | 206.35 | 134.76 | 171.79 | 127.62 | 103.77 | 104.04 |
| Percent of Total                     | 18.1%    | 19.2%    | 20.8%  | 19.7%  | 19.2%  | 23.8%  | 17.8%  | 15.9%  | 14.1%  |
| <b>American Indian</b>               | 1        | 1        | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| Population 10 to 17                  | 814      | 843      | 876    | 908    | 940    | 960    | 965    | 953    | 938    |
| Rate per 100,000                     | 122.85   | 118.62   | 0.00   | 0.00   | 106.38 | 0.00   | 0.00   | 0.00   | 0.00   |
| Percent of Total                     | 0.2%     | 0.1%     | 0.0%   | 0.0%   | 0.3%   | 0.0%   | 0.0%   | 0.0%   | 0.0%   |
| <b>Asian/Pacific Islander</b>        | 3        | 11       | 5      | 4      | 9      | 4      | 2      | 6      | 9      |
| Population 10 to 17                  | 3,070    | 3,148    | 3,250  | 3,426  | 3,593  | 3,762  | 3,929  | 3,892  | 3,874  |
| Rate per 100,000                     | 97.72    | 349.43   | 153.85 | 116.75 | 250.49 | 106.33 | 50.90  | 154.16 | 232.32 |
| Percent of Total                     | 0.5%     | 1.6%     | 0.8%   | 0.8%   | 2.5%   | 1.0%   | 0.5%   | 1.7%   | 2.2%   |
| <b>Black</b>                         | 84       | 60       | 36     | 56     | 54     | 49     | 47     | 43     | 38     |
| Population 10 to 17                  | 5,713    | 5,955    | 5,937  | 6,141  | 6,357  | 6,516  | 6,298  | 6,361  | 6,373  |
| Rate per 100,000                     | 1,470.33 | 1,007.56 | 606.37 | 911.90 | 849.46 | 752.00 | 746.27 | 675.99 | 596.27 |
| Percent of Total                     | 14.2%    | 8.6%     | 5.9%   | 10.6%  | 14.8%  | 12.7%  | 12.0%  | 12.0%  | 9.4%   |
| <b>Hispanic</b>                      | 312      | 355      | 341    | 263    | 148    | 184    | 228    | 203    | 232    |
| Population 10 to 17                  | 42,635   | 44,515   | 46,393 | 48,933 | 51,362 | 53,830 | 56,100 | 57,110 | 57,621 |
| Rate per 100,000                     | 731.79   | 797.48   | 735.02 | 537.47 | 288.15 | 341.82 | 406.42 | 355.45 | 402.63 |
| Percent of Total                     | 52.9%    | 50.8%    | 55.7%  | 49.7%  | 40.7%  | 47.7%  | 58.0%  | 56.7%  | 57.3%  |
| <b>White</b>                         | 190      | 270      | 224    | 201    | 144    | 132    | 111    | 105    | 108    |
| Population 10 to 17                  | 40,393   | 40,845   | 41,376 | 41,966 | 42,291 | 42,792 | 43,085 | 42,487 | 41,775 |
| Rate per 100,000                     | 470.38   | 661.04   | 541.38 | 478.96 | 340.50 | 308.47 | 257.63 | 247.13 | 258.53 |
| Percent of Total                     | 32.2%    | 38.6%    | 36.6%  | 38.0%  | 39.6%  | 34.2%  | 28.2%  | 29.3%  | 26.7%  |
| <b>Other</b>                         | 0        | 2        | 6      | 5      | 8      | 17     | 5      | 1      | 18     |
| Percent of Total                     | 0.0%     | 0.3%     | 1.0%   | 0.9%   | 2.2%   | 4.4%   | 1.3%   | 0.3%   | 4.4%   |

## Indicator 4: Arrests for Alcohol-Related Crime

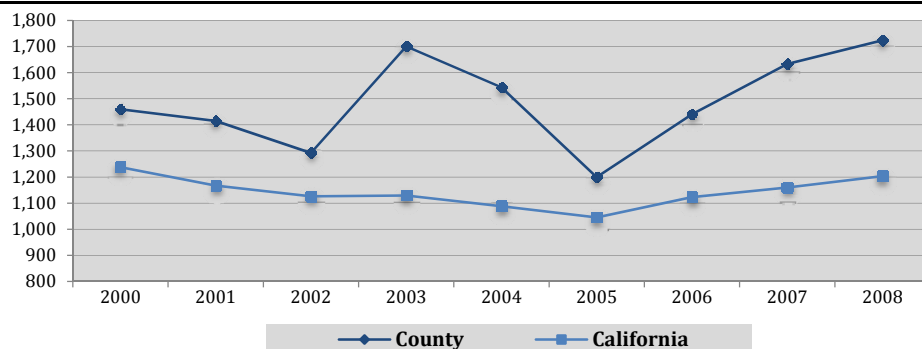
The number of felony and misdemeanor arrests for driving-under-the-influence, drunkenness, and, liquor law violations and rate per 100,000 population 10 to 69 years.

**Table 4.1**

Number of Arrests for Felony and Misdemeanor Alcohol Offenses, Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates

|                                   | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Number of Alcohol-Related Arrests | 7,353    | 7,350    | 6,930    | 9,448    | 8,893    | 7,169    | 8,952    | 10,356   | 11,148   |
| Population 10 to 69               | 503,835  | 519,379  | 536,298  | 555,647  | 576,209  | 597,547  | 621,338  | 634,161  | 646,671  |
| Rate per 100,000                  | 1,459.41 | 1,415.15 | 1,292.19 | 1,700.36 | 1,543.36 | 1,199.74 | 1,440.76 | 1,633.02 | 1,723.91 |
| CALIFORNIA<br>Rate per 100,000    | 1,238.01 | 1,167.40 | 1,126.00 | 1,129.17 | 1,087.87 | 1,045.21 | 1,123.22 | 1,159.68 | 1,203.37 |

**Figure 4.1**  
Kern County  
Alcohol Arrest  
Rate per 100,000  
Population 10 to 69  
with Comparison  
to Statewide Rates

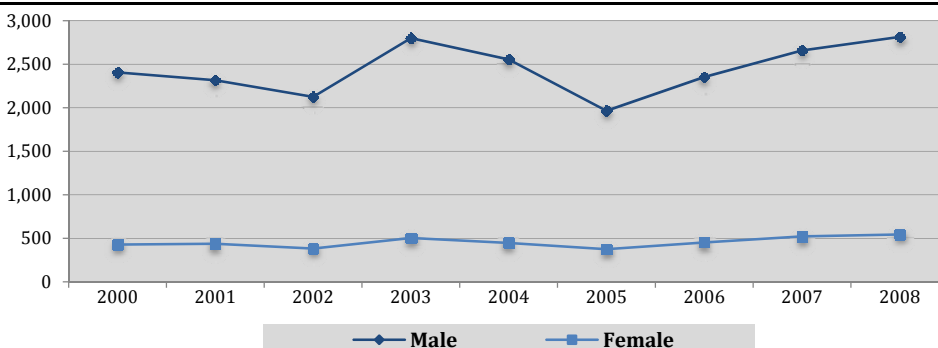


**Table 4.2**

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

|                      | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>TOTAL ARRESTS</b> | 7,353    | 7,350    | 6,930    | 9,448    | 8,893    | 7,169    | 8,952    | 10,356   | 11,148   |
| <b>Male</b>          | 6,319    | 6,260    | 5,950    | 8,108    | 7,657    | 6,095    | 7,607    | 8,770    | 9,458    |
| Population 10 to 69  | 262,476  | 270,229  | 279,878  | 289,469  | 299,622  | 310,167  | 323,370  | 329,865  | 336,094  |
| Rate per 100,000     | 2,407.46 | 2,316.55 | 2,125.93 | 2,800.99 | 2,555.55 | 1,965.07 | 2,352.41 | 2,658.66 | 2,814.09 |
| Percent of Total     | 85.9%    | 85.2%    | 85.9%    | 85.8%    | 86.1%    | 85.0%    | 85.0%    | 84.7%    | 84.8%    |
| <b>Female</b>        | 1,034    | 1,090    | 980      | 1,340    | 1,236    | 1,074    | 1,345    | 1,586    | 1,690    |
| Population 10 to 69  | 241,359  | 249,150  | 256,420  | 266,178  | 276,587  | 287,380  | 297,968  | 304,296  | 310,577  |
| Rate per 100,000     | 428.41   | 437.49   | 382.19   | 503.42   | 446.88   | 373.72   | 451.39   | 521.20   | 544.15   |
| Percent of Total     | 14.1%    | 14.8%    | 14.1%    | 14.2%    | 13.9%    | 15.0%    | 15.0%    | 15.3%    | 15.2%    |

**Figure 4.2**  
Kern County  
Alcohol Arrest  
Rate per 100,000  
Population 10 to 69  
by Offender  
Gender



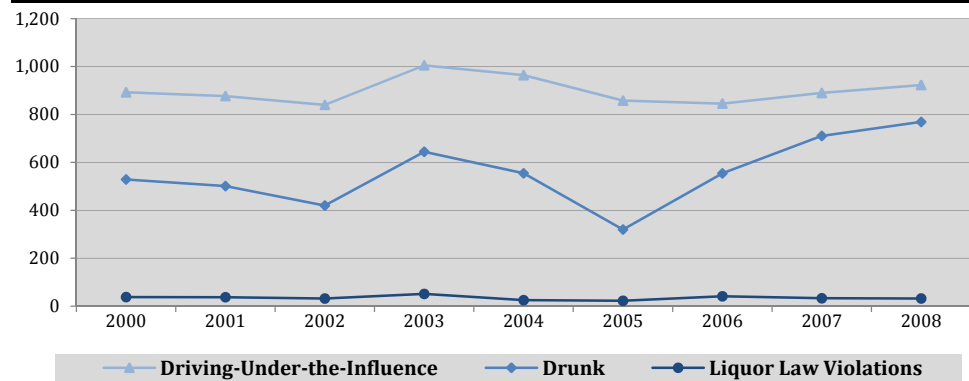
## Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.3**

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

|                                    | 2000    | 2001    | 2002    | 2003     | 2004    | 2005    | 2006    | 2007    | 2008    |
|------------------------------------|---------|---------|---------|----------|---------|---------|---------|---------|---------|
| <b>TOTAL ARRESTS</b>               | 7,353   | 7,350   | 6,930   | 9,448    | 8,893   | 7,169   | 8,952   | 10,356  | 11,148  |
| <b>Driving-Under-the-Influence</b> | 4,497   | 4,553   | 4,506   | 5,584    | 5,554   | 5,125   | 5,253   | 5,642   | 5,968   |
| Population 10 to 69                | 503,835 | 519,379 | 536,298 | 555,647  | 576,209 | 597,547 | 621,338 | 634,161 | 646,671 |
| Rate per 100,000                   | 892.55  | 876.62  | 840.20  | 1,004.95 | 963.89  | 857.67  | 845.43  | 889.68  | 922.88  |
| Percent of Total                   | 61.2%   | 61.9%   | 65.0%   | 59.1%    | 62.5%   | 71.5%   | 58.7%   | 54.5%   | 53.5%   |
| <b>Drunk</b>                       | 2,665   | 2,603   | 2,253   | 3,580    | 3,195   | 1,910   | 3,443   | 4,505   | 4,972   |
| Population 10 to 69                | 503,835 | 519,379 | 536,298 | 555,647  | 576,209 | 597,547 | 621,338 | 634,161 | 646,671 |
| Rate per 100,000                   | 528.94  | 501.18  | 420.10  | 644.29   | 554.49  | 319.64  | 554.13  | 710.39  | 768.86  |
| Percent of Total                   | 36.2%   | 35.4%   | 32.5%   | 37.9%    | 35.9%   | 26.6%   | 38.5%   | 43.5%   | 44.6%   |
| <b>Liquor Law Violations</b>       | 191     | 194     | 171     | 284      | 144     | 134     | 256     | 209     | 208     |
| Population 10 to 69                | 503,835 | 519,379 | 536,298 | 555,647  | 576,209 | 597,547 | 621,338 | 634,161 | 646,671 |
| Rate per 100,000                   | 37.91   | 37.35   | 31.89   | 51.11    | 24.99   | 22.43   | 41.20   | 32.96   | 32.16   |
| Percent of Total                   | 2.6%    | 2.6%    | 2.5%    | 3.0%     | 1.6%    | 1.9%    | 2.9%    | 2.0%    | 1.9%    |

**Figure 4.3**  
Kern County  
Alcohol Arrest  
Rate per 100,000  
Population 10 to 69  
by Specific Offense



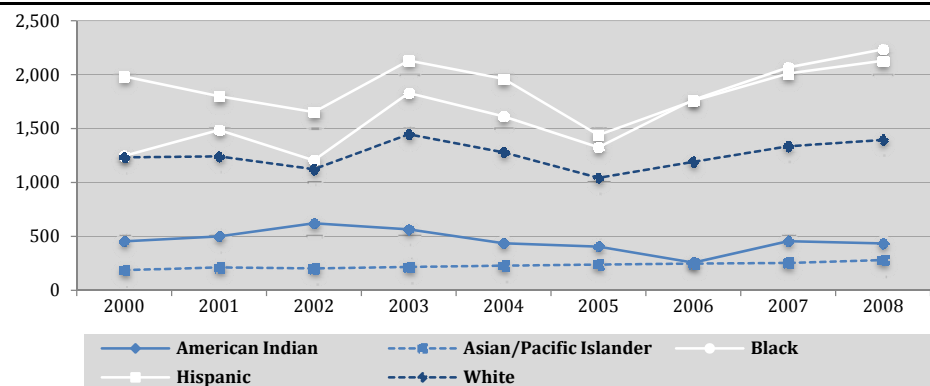
## Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.4**

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

|                               | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>TOTAL ARRESTS</b>          | 7,353    | 7,350    | 6,930    | 9,448    | 8,893    | 7,169    | 8,952    | 10,356   | 11,148   |
| <b>American Indian</b>        | 22       | 25       | 32       | 30       | 24       | 23       | 15       | 27       | 26       |
| Population 10 to 69           | 4,858    | 5,001    | 5,154    | 5,316    | 5,499    | 5,675    | 5,858    | 5,925    | 5,995    |
| Rate per 100,000              | 452.86   | 499.90   | 620.88   | 564.33   | 436.44   | 405.29   | 256.06   | 455.70   | 433.69   |
| Percent of Total              | 0.3%     | 0.3%     | 0.5%     | 0.3%     | 0.3%     | 0.3%     | 0.2%     | 0.3%     | 0.2%     |
| <b>Asian/Pacific Islander</b> | 34       | 40       | 40       | 45       | 50       | 55       | 60       | 63       | 71       |
| Population 10 to 69           | 18,183   | 18,960   | 19,770   | 20,789   | 21,929   | 23,061   | 24,294   | 24,848   | 25,398   |
| Rate per 100,000              | 186.99   | 210.97   | 202.33   | 216.46   | 228.01   | 238.50   | 246.97   | 253.54   | 279.55   |
| Percent of Total              | 0.5%     | 0.5%     | 0.6%     | 0.5%     | 0.6%     | 0.8%     | 0.7%     | 0.6%     | 0.6%     |
| <b>Black</b>                  | 371      | 454      | 381      | 594      | 538      | 455      | 628      | 752      | 832      |
| Population 10 to 69           | 29,769   | 30,545   | 31,624   | 32,466   | 33,379   | 34,298   | 35,548   | 36,404   | 37,245   |
| Rate per 100,000              | 1,246.26 | 1,486.33 | 1,204.78 | 1,829.61 | 1,611.79 | 1,326.61 | 1,766.63 | 2,065.71 | 2,233.86 |
| Percent of Total              | 5.0%     | 6.2%     | 5.5%     | 6.3%     | 6.0%     | 6.3%     | 7.0%     | 7.3%     | 7.5%     |
| <b>Hispanic</b>               | 3,739    | 3,574    | 3,460    | 4,721    | 4,605    | 3,574    | 4,625    | 5,470    | 5,975    |
| Population 10 to 69           | 188,592  | 198,561  | 209,315  | 221,684  | 234,813  | 248,290  | 263,332  | 272,092  | 280,738  |
| Rate per 100,000              | 1,982.59 | 1,799.95 | 1,653.01 | 2,129.61 | 1,961.14 | 1,439.45 | 1,756.34 | 2,010.35 | 2,128.32 |
| Percent of Total              | 50.8%    | 48.6%    | 49.9%    | 50.0%    | 51.8%    | 49.9%    | 51.7%    | 52.8%    | 53.6%    |
| <b>White</b>                  | 3,150    | 3,220    | 2,960    | 3,889    | 3,504    | 2,918    | 3,406    | 3,851    | 4,055    |
| Population 10 to 69           | 255,554  | 259,542  | 263,798  | 268,830  | 274,064  | 279,735  | 285,828  | 288,365  | 290,714  |
| Rate per 100,000              | 1,232.62 | 1,240.65 | 1,122.07 | 1,446.64 | 1,278.53 | 1,043.13 | 1,191.63 | 1,335.46 | 1,394.84 |
| Percent of Total              | 42.8%    | 43.8%    | 42.7%    | 41.2%    | 39.4%    | 40.7%    | 38.0%    | 37.2%    | 36.4%    |
| <b>Other</b>                  | 37       | 37       | 57       | 169      | 172      | 144      | 218      | 193      | 189      |
| Percent of Total              | 0.5%     | 0.5%     | 0.8%     | 1.8%     | 1.9%     | 2.0%     | 2.4%     | 1.9%     | 1.7%     |

**Figure 4.4**  
Kern County  
Alcohol Arrest  
Rate per 100,000  
Population 10 to 69  
by Offender Race/  
Ethnicity



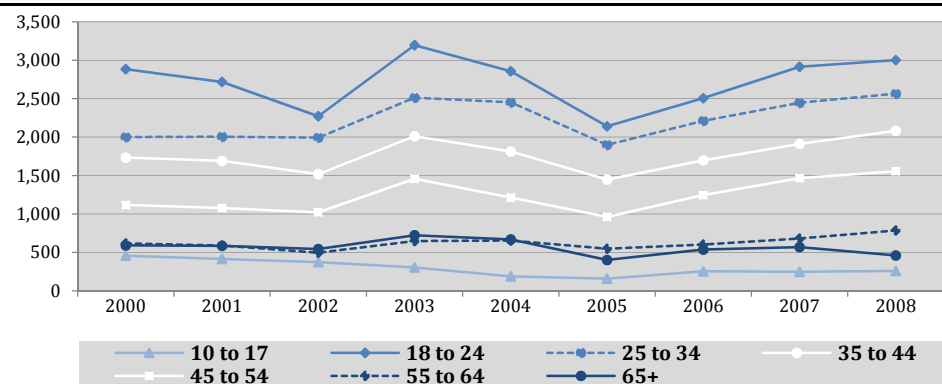
## Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.5**

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Age Category, Rate per 100,000 Population, and Percent of Total Alcohol Arrests

|                           | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     | 2006     | 2007     | 2008     |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>TOTAL ARRESTS</b>      | 7,353    | 7,350    | 6,930    | 9,448    | 8,893    | 7,169    | 8,952    | 10,356   | 11,148   |
| <b>17 Years and Under</b> | 432      | 402      | 371      | 314      | 199      | 173      | 284      | 278      | 289      |
| Population 10 to 17       | 94,541   | 97,210   | 99,681   | 103,186  | 106,342  | 109,630  | 112,118  | 112,517  | 112,255  |
| Rate per 100,000          | 456.94   | 413.54   | 372.19   | 304.30   | 187.13   | 157.80   | 253.30   | 247.07   | 257.45   |
| Percent of Total          | 5.9%     | 5.5%     | 5.4%     | 3.3%     | 2.2%     | 2.4%     | 3.2%     | 2.7%     | 2.6%     |
| <b>18 to 24 Years</b>     | 1,988    | 2,011    | 1,807    | 2,719    | 2,602    | 2,062    | 2,562    | 3,018    | 3,142    |
| Population                | 68,927   | 73,993   | 79,527   | 85,060   | 91,076   | 96,333   | 102,229  | 103,518  | 104,664  |
| Rate per 100,000          | 2,884.21 | 2,717.82 | 2,272.18 | 3,196.57 | 2,856.95 | 2,140.49 | 2,506.14 | 2,915.43 | 3,001.99 |
| Percent of Total          | 27.0%    | 27.4%    | 26.1%    | 28.8%    | 29.3%    | 28.8%    | 28.6%    | 29.1%    | 28.2%    |
| <b>25 to 34 Years</b>     | 1,865    | 1,896    | 1,938    | 2,516    | 2,541    | 2,046    | 2,525    | 2,909    | 3,191    |
| Population                | 93,224   | 94,565   | 97,220   | 100,147  | 103,639  | 107,727  | 114,178  | 118,931  | 124,454  |
| Rate per 100,000          | 2,000.56 | 2,004.97 | 1,993.42 | 2,512.31 | 2,451.78 | 1,899.25 | 2,211.46 | 2,445.96 | 2,564.00 |
| Percent of Total          | 25.4%    | 25.8%    | 28.0%    | 26.6%    | 28.6%    | 28.5%    | 28.2%    | 28.1%    | 28.6%    |
| <b>35 to 44 Years</b>     | 1,800    | 1,765    | 1,588    | 2,116    | 1,920    | 1,542    | 1,824    | 2,039    | 2,201    |
| Population                | 103,829  | 104,465  | 104,612  | 105,233  | 105,917  | 106,563  | 107,501  | 106,634  | 105,703  |
| Rate per 100,000          | 1,733.62 | 1,689.56 | 1,517.99 | 2,010.78 | 1,812.74 | 1,447.03 | 1,696.73 | 1,912.15 | 2,082.25 |
| Percent of Total          | 24.5%    | 24.0%    | 22.9%    | 22.4%    | 21.6%    | 21.5%    | 20.4%    | 19.7%    | 19.7%    |
| <b>45 to 54 Years</b>     | 868      | 879      | 869      | 1,295    | 1,129    | 937      | 1,267    | 1,540    | 1,677    |
| Population                | 77,671   | 81,674   | 85,091   | 88,881   | 92,964   | 97,385   | 101,775  | 105,027  | 107,810  |
| Rate per 100,000          | 1,117.53 | 1,076.23 | 1,021.26 | 1,457.00 | 1,214.45 | 962.16   | 1,244.90 | 1,466.29 | 1,555.51 |
| Percent of Total          | 11.8%    | 12.0%    | 12.5%    | 13.7%    | 12.7%    | 13.1%    | 14.2%    | 14.9%    | 15.0%    |
| <b>55 to 64 Years</b>     | 293      | 290      | 257      | 353      | 374      | 330      | 381      | 451      | 545      |
| Population                | 47,527   | 49,210   | 51,777   | 54,473   | 57,141   | 60,232   | 63,216   | 66,271   | 69,384   |
| Rate per 100,000          | 616.49   | 589.31   | 496.36   | 648.03   | 654.52   | 547.88   | 602.70   | 680.54   | 785.48   |
| Percent of Total          | 4.0%     | 3.9%     | 3.7%     | 3.7%     | 4.2%     | 4.6%     | 4.3%     | 4.4%     | 4.9%     |
| <b>65 Years and Older</b> | 107      | 107      | 100      | 135      | 128      | 79       | 109      | 121      | 103      |
| Population 65 to 69       | 18,116   | 18,262   | 18,390   | 18,667   | 19,130   | 19,677   | 20,321   | 21,263   | 22,401   |
| Rate per 100,000          | 590.64   | 585.92   | 543.77   | 723.20   | 669.11   | 401.48   | 536.39   | 569.06   | 459.80   |
| Percent of Total          | 1.5%     | 1.5%     | 1.4%     | 1.4%     | 1.4%     | 1.1%     | 1.2%     | 1.2%     | 0.9%     |

**Figure 4.5**  
Kern County  
Alcohol Arrest  
Rate per 100,000  
Population by  
Offender Age  
Category



## Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.6**

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Alcohol Arrests

|   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>ALL ALCOHOL ARRESTS UNDER AGE 18</b> | 432    | 402    | 371    | 314    | 199    | 173    | 284    | 278    | 289    |
| <b>Male</b>                             | 359    | 327    | 304    | 255    | 167    | 138    | 226    | 224    | 229    |
| Population 10 to 17                     | 48,439 | 49,675 | 50,908 | 52,786 | 54,397 | 56,076 | 57,269 | 57,587 | 57,468 |
| Rate per 100,000                        | 741.14 | 658.28 | 597.16 | 483.08 | 307.00 | 246.09 | 394.63 | 388.98 | 398.48 |
| Percent of Total                        | 83.1%  | 81.3%  | 81.9%  | 81.2%  | 83.9%  | 79.8%  | 79.6%  | 80.6%  | 79.2%  |
| <b>Female</b>                           | 73     | 75     | 67     | 59     | 32     | 35     | 58     | 54     | 60     |
| Population 10 to 17                     | 46,102 | 47,535 | 48,773 | 50,400 | 51,945 | 53,554 | 54,849 | 54,930 | 54,787 |
| Rate per 100,000                        | 158.34 | 157.78 | 137.37 | 117.06 | 61.60  | 65.35  | 105.74 | 98.31  | 109.52 |
| Percent of Total                        | 16.9%  | 18.7%  | 18.1%  | 18.8%  | 16.1%  | 20.2%  | 20.4%  | 19.4%  | 20.8%  |
| <b>American Indian</b>                  | 1      | 1      | 2      | 1      | 0      | 0      | 2      | 2      | 0      |
| Population 10 to 17                     | 814    | 843    | 876    | 908    | 940    | 960    | 965    | 953    | 938    |
| Rate per 100,000                        | 122.85 | 118.62 | 228.31 | 110.13 | 0.00   | 0.00   | 207.25 | 209.86 | 0.00   |
| Percent of Total                        | 0.2%   | 0.2%   | 0.5%   | 0.3%   | 0.0%   | 0.0%   | 0.7%   | 0.7%   | 0.0%   |
| <b>Asian/Pacific Islander</b>           | 4      | 1      | 1      | 5      | 2      | 1      | 8      | 2      | 6      |
| Population 10 to 17                     | 3,070  | 3,148  | 3,250  | 3,426  | 3,593  | 3,762  | 3,929  | 3,892  | 3,874  |
| Rate per 100,000                        | 130.29 | 31.77  | 30.77  | 145.94 | 55.66  | 26.58  | 203.61 | 51.39  | 154.88 |
| Percent of Total                        | 0.9%   | 0.2%   | 0.3%   | 1.6%   | 1.0%   | 0.6%   | 2.8%   | 0.7%   | 2.1%   |
| <b>Black</b>                            | 13     | 17     | 17     | 9      | 10     | 5      | 19     | 17     | 17     |
| Population 10 to 17                     | 5,713  | 5,955  | 5,937  | 6,141  | 6,357  | 6,516  | 6,298  | 6,361  | 6,373  |
| Rate per 100,000                        | 227.55 | 285.47 | 286.34 | 146.56 | 157.31 | 76.73  | 301.68 | 267.25 | 266.75 |
| Percent of Total                        | 3.0%   | 4.2%   | 4.6%   | 2.9%   | 5.0%   | 2.9%   | 6.7%   | 6.1%   | 5.9%   |
| <b>Hispanic</b>                         | 219    | 210    | 182    | 160    | 79     | 71     | 117    | 133    | 142    |
| Population 10 to 17                     | 42,635 | 44,515 | 46,393 | 48,933 | 51,362 | 53,830 | 56,100 | 57,110 | 57,621 |
| Rate per 100,000                        | 513.66 | 471.75 | 392.30 | 326.98 | 153.81 | 131.90 | 208.56 | 232.88 | 246.44 |
| Percent of Total                        | 50.7%  | 52.2%  | 49.1%  | 51.0%  | 39.7%  | 41.0%  | 41.2%  | 47.8%  | 49.1%  |
| <b>White</b>                            | 195    | 173    | 166    | 136    | 104    | 94     | 135    | 123    | 118    |
| Population 10 to 17                     | 40,393 | 40,845 | 41,376 | 41,966 | 42,291 | 42,792 | 43,085 | 42,487 | 41,775 |
| Rate per 100,000                        | 482.76 | 423.55 | 401.20 | 324.07 | 245.92 | 219.67 | 313.33 | 289.50 | 282.47 |
| Percent of Total                        | 45.1%  | 43.0%  | 44.7%  | 43.3%  | 52.3%  | 54.3%  | 47.5%  | 44.2%  | 40.8%  |
| <b>Other</b>                            | 0      | 0      | 3      | 3      | 4      | 2      | 3      | 1      | 6      |
| Percent of Total                        | 0.0%   | 0.0%   | 0.8%   | 1.0%   | 2.0%   | 1.2%   | 1.1%   | 0.4%   | 2.1%   |

## Indicator 5: Alcohol-Involved Motor Vehicle Accidents

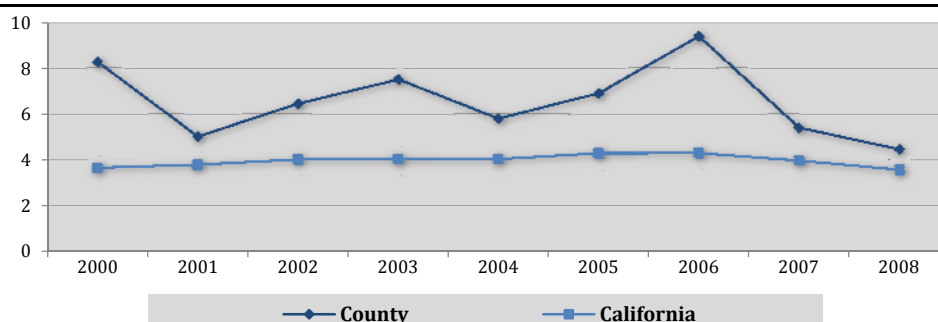
The number of alcohol-involved motor vehicle accidents and number of persons injured or killed and rate per 100,000 population

**Table 5.1**

Kern County Fatalities in Alcohol-Involved Accidents and Rate per 100,000 Total Population with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Fatalities           | 55      | 34      | 45      | 54      | 43      | 53      | 75      | 44      | 37      |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 | 835,007 |
| Rate per 100,000               | 8.26    | 4.99    | 6.43    | 7.49    | 5.78    | 6.88    | 9.38    | 5.38    | 4.43    |
| CALIFORNIA<br>Rate per 100,000 | 3.62    | 3.76    | 3.99    | 4.01    | 4.00    | 4.26    | 4.27    | 3.94    | 3.54    |

**Figure 5.1**  
Kern County  
Alcohol-Involved  
Accident Fatality  
Rate per 100,000  
Total Population  
with Comparison  
to Statewide Rates

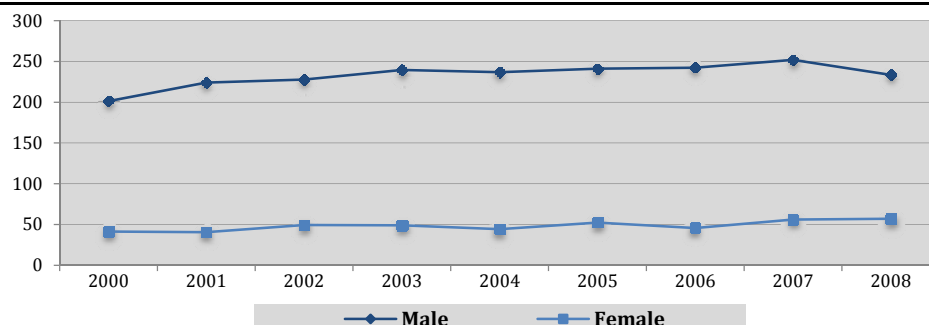


**Table 5.2**

Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Gender and Rate per 100,000 Population, and Percent of Total

|  | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL 'HAD BEEN DRINKING' DRIVERS</b> | 856     | 965     | 1,038   | 1,099   | 1,125   | 1,234   | 1,244   | 1,376   | 1,294   |
| <b>Male</b>                              | 687     | 783     | 818     | 886     | 903     | 950     | 994     | 1,055   | 999     |
| Population                               | 341,227 | 349,403 | 359,210 | 369,864 | 381,472 | 394,160 | 410,117 | 418,921 | 427,880 |
| Rate per 100,000                         | 201.33  | 224.10  | 227.72  | 239.55  | 236.71  | 241.02  | 242.37  | 251.84  | 233.48  |
| Percent of Total                         | 80.3%   | 81.1%   | 78.8%   | 80.6%   | 80.3%   | 77.0%   | 79.9%   | 76.7%   | 77.2%   |
| <b>Female</b>                            | 134     | 135     | 168     | 172     | 161     | 197     | 178     | 223     | 232     |
| Population                               | 324,292 | 332,602 | 340,134 | 351,066 | 363,017 | 375,991 | 389,358 | 398,174 | 407,127 |
| Rate per 100,000                         | 41.32   | 40.59   | 49.39   | 48.99   | 44.35   | 52.39   | 45.72   | 56.01   | 56.98   |
| Percent of Total                         | 15.7%   | 14.0%   | 16.2%   | 15.7%   | 14.3%   | 16.0%   | 14.3%   | 16.2%   | 17.9%   |
| <b>Unknown</b>                           | 35      | 47      | 52      | 41      | 61      | 87      | 72      | 98      | 63      |
| Percent of Total                         | 4.1%    | 4.9%    | 5.0%    | 3.7%    | 5.4%    | 7.1%    | 5.8%    | 7.1%    | 4.9%    |

**Figure 5.2**  
Kern County 'Had  
Been Drinking'  
Driver Rate per  
100,000  
Population, by  
Party Gender





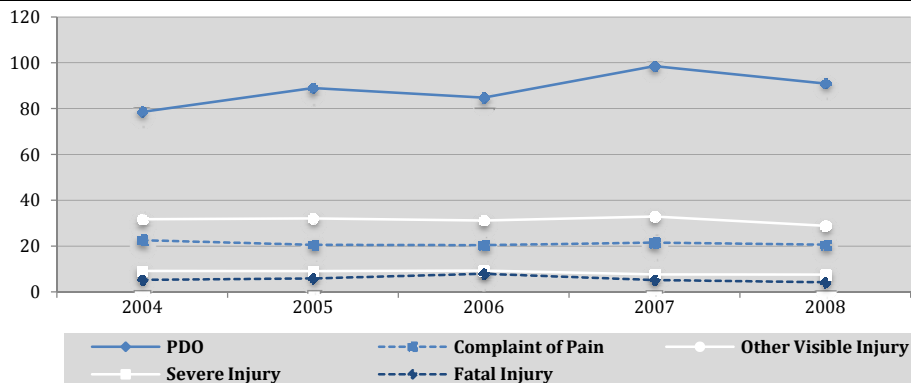
## Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

**Table 5.3**

Kern County Alcohol-Involved Accidents by Injury Severity, Rate per 100,000 Total Population, and Percent of Total

|   | 2004    | 2005    | 2006    | 2007    | 2008    |
|---|---------|---------|---------|---------|---------|
| <b>TOTAL ALCOHOL-INVOLVED ACCIDENTS</b> | 1,096   | 1,205   | 1,227   | 1,354   | 1,270   |
| <b>Property Damage Only (PDO)</b>       | 585     | 685     | 678     | 805     | 759     |
| Total Population                        | 744,489 | 770,151 | 799,475 | 817,095 | 835,007 |
| Rate per 100,000                        | 78.58   | 88.94   | 84.81   | 98.52   | 90.90   |
| Percent of Total                        | 53.4%   | 56.8%   | 55.3%   | 59.5%   | 59.8%   |
| <b>Injury – Complaint of Pain</b>       | 168     | 158     | 163     | 176     | 172     |
| Total Population                        | 744,489 | 770,151 | 799,475 | 817,095 | 835,007 |
| Rate per 100,000                        | 22.57   | 20.52   | 20.39   | 21.54   | 20.60   |
| Percent of Total                        | 15.3%   | 13.1%   | 13.3%   | 13.0%   | 13.5%   |
| <b>Injury – Other Visible</b>           | 236     | 247     | 249     | 269     | 241     |
| Total Population                        | 744,489 | 770,151 | 799,475 | 817,095 | 835,007 |
| Rate per 100,000                        | 31.70   | 32.07   | 31.15   | 32.92   | 28.86   |
| Percent of Total                        | 21.5%   | 20.5%   | 20.3%   | 19.9%   | 19.0%   |
| <b>Injury – Severe</b>                  | 68      | 70      | 74      | 62      | 63      |
| Total Population                        | 744,489 | 770,151 | 799,475 | 817,095 | 835,007 |
| Rate per 100,000                        | 9.13    | 9.09    | 9.26    | 7.59    | 7.54    |
| Percent of Total                        | 6.2%    | 5.8%    | 6.0%    | 4.6%    | 5.0%    |
| <b>Injury – Fatal</b>                   | 39      | 45      | 63      | 42      | 35      |
| Total Population                        | 744,489 | 770,151 | 799,475 | 817,095 | 835,007 |
| Rate per 100,000                        | 5.24    | 5.84    | 7.88    | 5.14    | 4.19    |
| Percent of Total                        | 3.6%    | 3.7%    | 5.1%    | 3.1%    | 2.8%    |

**Figure 5.3**  
Kern County  
Alcohol-Involved  
Accident Rate per  
100,000 Total  
Population, by  
Injury Severity



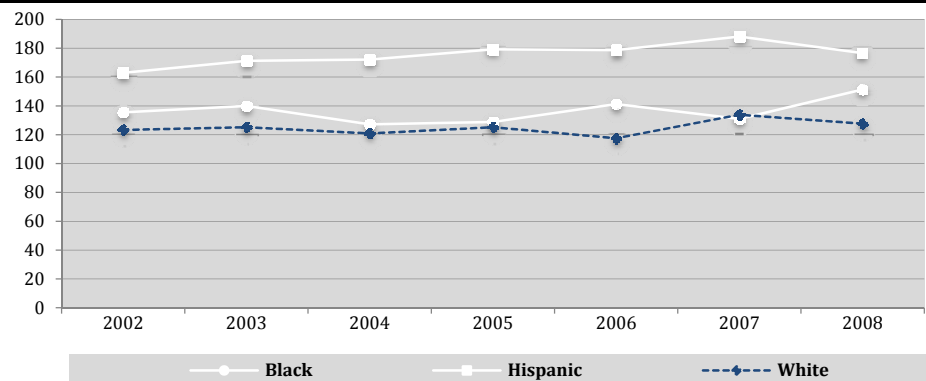
## Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

**Table 5.4**

Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Race/Ethnicity, Rate per 100,000 Population, and Percent of Total

|  | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|--|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL 'HAD BEEN DRINKING' DRIVERS</b> | 1,038   | 1,099   | 1,125   | 1,234   | 1,244   | 1,376   | 1,294   |
| <b>Black</b>                             | 54      | 57      | 53      | 55      | 62      | 59      | 70      |
| Population                               | 39,843  | 40,735  | 41,664  | 42,672  | 43,885  | 45,066  | 46,258  |
| Rate per 100,000                         | 135.53  | 139.93  | 127.21  | 128.89  | 141.28  | 130.92  | 151.33  |
| Percent of Total                         | 5.2%    | 5.2%    | 4.7%    | 4.5%    | 5.0%    | 4.3%    | 5.4%    |
| <b>Hispanic</b>                          | 455     | 503     | 533     | 585     | 616     | 671     | 651     |
| Population                               | 279,196 | 293,822 | 309,686 | 326,355 | 344,845 | 356,729 | 368,818 |
| Rate per 100,000                         | 162.97  | 171.19  | 172.11  | 179.25  | 178.63  | 188.10  | 176.51  |
| Percent of Total                         | 43.8%   | 45.8%   | 47.4%   | 47.4%   | 49.5%   | 48.8%   | 50.3%   |
| <b>White</b>                             | 418     | 430     | 421     | 444     | 426     | 490     | 472     |
| Population                               | 339,015 | 343,505 | 348,465 | 354,615 | 362,417 | 366,032 | 369,718 |
| Rate per 100,000                         | 123.30  | 125.18  | 120.82  | 125.21  | 117.54  | 133.87  | 127.66  |
| Percent of Total                         | 40.3%   | 39.1%   | 37.4%   | 36.0%   | 34.2%   | 35.6%   | 36.5%   |
| <b>Other/Unknown</b>                     | 111     | 109     | 118     | 150     | 140     | 156     | 101     |
| Percent of Total                         | 10.7%   | 9.9%    | 10.5%   | 12.2%   | 11.3%   | 11.3%   | 7.8%    |

**Figure 5.4**  
Kern County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Race/Ethnicity



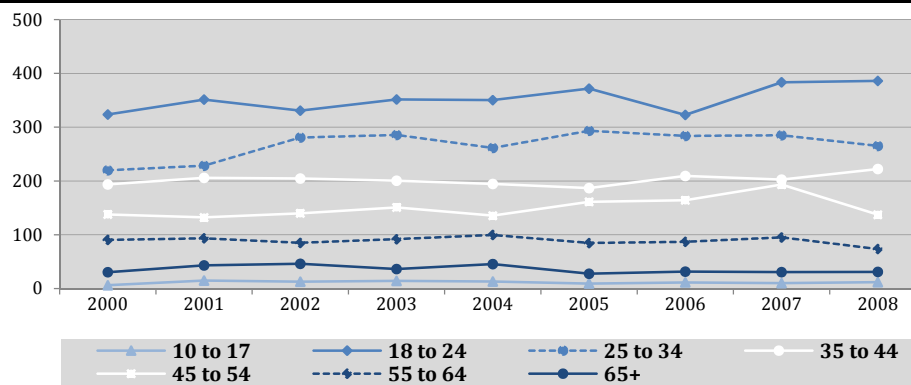
## Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

**Table 5.5**

Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Age Category and Rate per 100,000 Population, and Percent of Total

|  | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL 'HAD BEEN DRINKING' DRIVERS</b> | 856     | 965     | 1,038   | 1,099   | 1,125   | 1,234   | 1,244   | 1,376   | 1,294   |
| <b>17 Years and Under</b>                | 13      | 32      | 28      | 32      | 30      | 22      | 28      | 25      | 30      |
| Population                               | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 | 252,141 |
| Rate per 100,000                         | 6.13    | 14.85   | 12.83   | 14.30   | 13.04   | 9.29    | 11.48   | 10.08   | 11.90   |
| Percent of Total                         | 1.5%    | 3.3%    | 2.7%    | 2.9%    | 2.7%    | 1.8%    | 2.3%    | 1.8%    | 2.3%    |
| <b>18 to 24 Years</b>                    | 223     | 260     | 263     | 299     | 319     | 358     | 330     | 397     | 404     |
| Population                               | 68,927  | 73,993  | 79,527  | 85,060  | 91,076  | 96,333  | 102,229 | 103,518 | 104,664 |
| Rate per 100,000                         | 323.53  | 351.38  | 330.71  | 351.52  | 350.26  | 371.63  | 322.80  | 383.51  | 386.00  |
| Percent of Total                         | 26.1%   | 26.9%   | 25.3%   | 27.2%   | 28.4%   | 29.0%   | 26.5%   | 28.9%   | 31.2%   |
| <b>25 to 34 Years</b>                    | 205     | 216     | 273     | 286     | 271     | 316     | 324     | 339     | 330     |
| Population                               | 93,224  | 94,565  | 97,220  | 100,147 | 103,639 | 107,727 | 114,178 | 118,931 | 124,454 |
| Rate per 100,000                         | 219.90  | 228.41  | 280.81  | 285.58  | 261.48  | 293.33  | 283.77  | 285.04  | 265.16  |
| Percent of Total                         | 23.9%   | 22.4%   | 26.3%   | 26.0%   | 24.1%   | 25.6%   | 26.0%   | 24.6%   | 25.5%   |
| <b>35 to 44 Years</b>                    | 201     | 215     | 214     | 211     | 206     | 199     | 225     | 216     | 235     |
| Population                               | 103,829 | 104,465 | 104,612 | 105,233 | 105,917 | 106,563 | 107,501 | 106,634 | 105,703 |
| Rate per 100,000                         | 193.59  | 205.81  | 204.57  | 200.51  | 194.49  | 186.74  | 209.30  | 202.56  | 222.32  |
| Percent of Total                         | 23.5%   | 22.3%   | 20.6%   | 19.2%   | 18.3%   | 16.1%   | 18.1%   | 15.7%   | 18.2%   |
| <b>45 to 54 Years</b>                    | 107     | 108     | 119     | 134     | 126     | 157     | 167     | 203     | 148     |
| Population                               | 77,671  | 81,674  | 85,091  | 88,881  | 92,964  | 97,385  | 101,775 | 105,027 | 107,810 |
| Rate per 100,000                         | 137.76  | 132.23  | 139.85  | 150.76  | 135.54  | 161.22  | 164.09  | 193.28  | 137.28  |
| Percent of Total                         | 12.5%   | 11.2%   | 11.5%   | 12.2%   | 11.2%   | 12.7%   | 13.4%   | 14.8%   | 11.4%   |
| <b>55 to 64 Years</b>                    | 43      | 46      | 44      | 50      | 57      | 51      | 55      | 63      | 51      |
| Population                               | 47,527  | 49,210  | 51,777  | 54,473  | 57,141  | 60,232  | 63,216  | 66,271  | 69,384  |
| Rate per 100,000                         | 90.47   | 93.48   | 84.98   | 91.79   | 99.75   | 84.67   | 87.00   | 95.06   | 73.50   |
| Percent of Total                         | 5.0%    | 4.8%    | 4.2%    | 4.5%    | 5.1%    | 4.1%    | 4.4%    | 4.6%    | 3.9%    |
| <b>65 Years and Older</b>                | 19      | 27      | 29      | 23      | 29      | 18      | 21      | 21      | 22      |
| Population                               | 62,301  | 62,674  | 62,938  | 63,300  | 63,693  | 65,167  | 66,651  | 68,596  | 70,851  |
| Rate per 100,000                         | 30.50   | 43.08   | 46.08   | 36.33   | 45.53   | 27.62   | 31.51   | 30.61   | 31.05   |
| Percent of Total                         | 2.2%    | 2.8%    | 2.8%    | 2.1%    | 2.6%    | 1.5%    | 1.7%    | 1.5%    | 1.7%    |
| <b>Other/Unknown</b>                     | 45      | 61      | 68      | 64      | 87      | 113     | 94      | 112     | 74      |
| Percent of Total                         | 5.3%    | 6.3%    | 6.6%    | 5.8%    | 7.7%    | 9.2%    | 7.6%    | 8.1%    | 5.7%    |

**Figure 5.5**  
Kern County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Age Category



## Indicator 6: Hospitalizations Due to Alcohol and Drug Use

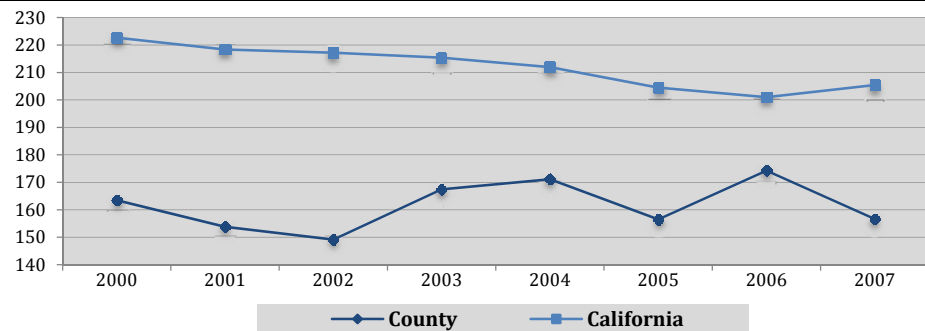
The number of hospital admissions due to alcohol and drug-related causes and rate per 100,000 population.

**Table 6.1**

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) and Rate per 100,000 Total Population with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Hospitalizations     | 1,088   | 1,049   | 1,043   | 1,207   | 1,274   | 1,205   | 1,393   | 1,280   |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 |
| Rate per 100,000               | 163.48  | 153.81  | 149.14  | 167.42  | 171.12  | 156.46  | 174.24  | 156.65  |
| CALIFORNIA<br>Rate per 100,000 | 222.67  | 218.35  | 217.21  | 215.37  | 211.97  | 204.50  | 201.00  | 205.44  |

**Figure 6.1**  
Kern County  
Alcohol- and Drug-  
Related  
Hospitalization  
Rate per 100,000  
Total Population  
with Comparison  
to Statewide Rates

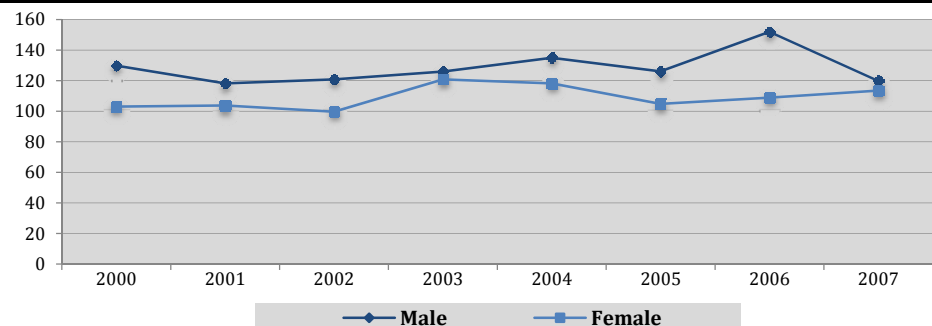


**Table 6.2**

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) by Patient Gender, Rate per 100,000 Population, and Percent of Total Hospitalizations

|                             | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>AOD HOSPITALIZATIONS</b> | 1,088   | 1,049   | 1,043   | 1,207   | 1,274   | 1,205   | 1,393   | 1,280   |
| <b>Male</b>                 | 443     | 413     | 434     | 466     | 515     | 497     | 623     | 502     |
| Population                  | 341,227 | 349,403 | 359,210 | 369,864 | 381,472 | 394,160 | 410,117 | 418,921 |
| Rate per 100,000            | 129.83  | 118.20  | 120.82  | 125.99  | 135.00  | 126.09  | 151.91  | 119.83  |
| Percent of Total            | 40.72%  | 39.37%  | 41.61%  | 38.61%  | 40.42%  | 41.24%  | 44.72%  | 39.22%  |
| <b>Female</b>               | 334     | 345     | 339     | 424     | 429     | 394     | 424     | 452     |
| Population                  | 324,292 | 332,602 | 340,134 | 351,066 | 363,017 | 375,991 | 389,358 | 398,174 |
| Rate per 100,000            | 102.99  | 103.73  | 99.67   | 120.78  | 118.18  | 104.79  | 108.90  | 113.52  |
| Percent of Total            | 30.70%  | 32.89%  | 32.50%  | 35.13%  | 33.67%  | 32.70%  | 30.44%  | 35.31%  |
| <b>Unknown</b>              | 311     | 291     | 270     | 317     | 330     | 314     | 346     | 326     |
| Percent of Total            | 28.58%  | 27.74%  | 25.89%  | 26.26%  | 25.90%  | 26.06%  | 24.84%  | 25.47%  |

**Figure 6.2**  
Kern County AOD-  
Related  
Hospitalization  
Rate per 100,000  
Population by  
Patient Gender



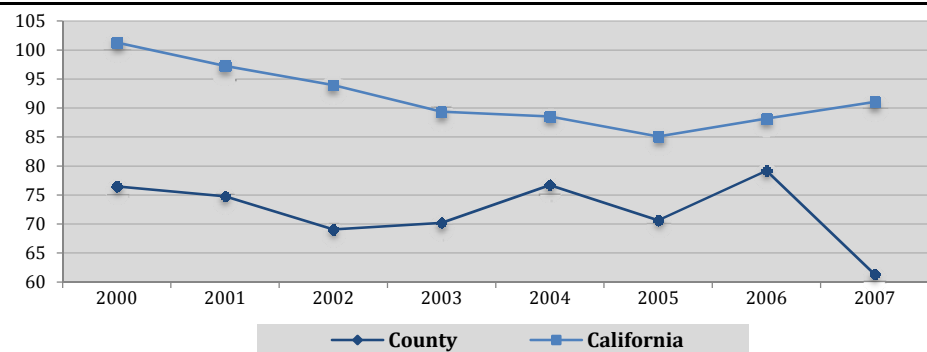
## Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.3**

Hospitalizations Due to *Alcohol*-Related Causes and Rate per 100,000 Total Population with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Hospitalizations     | 509     | 510     | 483     | 506     | 571     | 544     | 633     | 501     |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 |
| Rate per 100,000               | 76.48   | 74.78   | 69.06   | 70.19   | 76.70   | 70.64   | 79.18   | 61.31   |
| CALIFORNIA<br>Rate per 100,000 | 101.28  | 97.26   | 93.96   | 89.36   | 88.54   | 85.10   | 88.17   | 91.05   |

**Figure 6.3**  
Kern County  
Alcohol -Related  
Hospitalization  
Rate per 100,000  
Total Population  
with Comparison  
to Statewide Rates

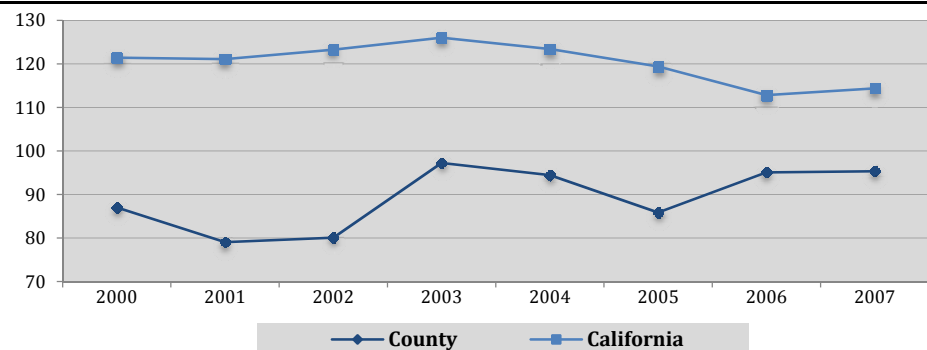


**Table 6.4**

Hospitalizations Due to *Drug*-Related Causes and Rate per 100,000 Total Population with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Hospitalizations     | 579     | 539     | 560     | 701     | 703     | 661     | 760     | 779     |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 |
| Rate per 100,000               | 87.00   | 79.03   | 80.08   | 97.24   | 94.43   | 85.83   | 95.06   | 95.34   |
| CALIFORNIA<br>Rate per 100,000 | 121.44  | 121.12  | 123.27  | 126.04  | 123.43  | 119.40  | 112.84  | 114.39  |

**Figure 6.4**  
Kern County Drug  
-Related  
Hospitalization  
Rate per 100,000  
Total Population  
with Comparison  
to Statewide Rates



## Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.5**

Hospitalizations Due to *Alcohol*-Related Causes by Specific Cause and Rate per 100,000 Total Population

|   | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>TOTAL ALCOHOL-RELATED HOSPITALIZATIONS</b> | 509   | 510   | 483   | 506   | 571   | 544   | 633   | 501   |
| <b>Alcohol Abuse</b>                          | 29    | 13    | 11    | 10    | 17    | 21    | 18    | 23    |
| Rate per 100,000                              | 4.36  | 1.91  | 1.57  | 1.39  | 2.28  | 2.73  | 2.25  | 2.81  |
| <b>Alcohol Cardiomyopathy</b>                 | 1     | 0     | 3     | 3     | 2     | 2     | 5     | 1     |
| Rate per 100,000                              | 0.15  | 0.00  | 0.43  | 0.42  | 0.27  | 0.26  | 0.63  | 0.12  |
| <b>Alcohol Dependence Syndrome</b>            | 121   | 118   | 145   | 145   | 139   | 152   | 169   | 128   |
| Rate per 100,000                              | 18.18 | 17.30 | 20.73 | 20.11 | 18.67 | 19.74 | 21.14 | 15.67 |
| <b>Alcohol Dependent Abuse</b>                | 8     | 19    | 16    | 14    | 10    | 14    | 17    | 23    |
| Rate per 100,000                              | 0.48  | 1.11  | 0.92  | 0.78  | 0.54  | 0.73  | 0.85  | 1.13  |
| <b>Alcohol Poisoning</b>                      | 2     | 3     | 1     | 6     | 7     | 6     | 10    | 6     |
| Rate per 100,000                              | 0.30  | 0.44  | 0.14  | 0.83  | 0.94  | 0.78  | 1.25  | 0.73  |
| <b>Alcohol Polyneuropathy</b>                 | 2     | 2     | 1     | 2     | 3     | 4     | 2     | 1     |
| Rate per 100,000                              | 0.30  | 0.29  | 0.14  | 0.28  | 0.40  | 0.52  | 0.25  | 0.12  |
| <b>Alcohol Psychosis</b>                      | 85    | 75    | 84    | 105   | 110   | 111   | 129   | 122   |
| Rate per 100,000                              | 12.77 | 11.00 | 12.01 | 14.56 | 14.78 | 14.41 | 16.14 | 14.93 |
| <b>Alcoholic Gastritis</b>                    | 16    | 18    | 11    | 3     | 9     | 8     | 14    | 9     |
| Rate per 100,000                              | 2.40  | 2.64  | 1.57  | 0.42  | 1.21  | 1.04  | 1.75  | 1.10  |
| <b>Alcoholic Liver Disease</b>                | 245   | 262   | 211   | 218   | 274   | 226   | 269   | 187   |
| Rate per 100,000                              | 36.81 | 38.42 | 30.17 | 30.24 | 36.80 | 29.34 | 33.65 | 22.89 |
| <b>Fetal Alcohol Syndrome</b>                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| Rate per 100,000                              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.12  |

## Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.6**

Hospitalizations Due to *Drug-Related Causes* by Specific Cause and Rate per 100,000 Total Population

|  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>TOTAL DRUG-RELATED HOSPITALIZATIONS</b>   | 579   | 539   | 560   | 701   | 703   | 661   | 760   | 779   |
| <b>Drug Psychosis</b>                        | 68    | 53    | 49    | 65    | 86    | 51    | 87    | 93    |
| Rate per 100,000                             | 10.22 | 7.77  | 7.01  | 9.02  | 11.55 | 6.62  | 10.88 | 11.38 |
| <b>Drug Polyneuropathy</b>                   | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     |
| Rate per 100,000                             | 0.00  | 0.15  | 0.00  | 0.00  | 0.13  | 0.00  | 0.13  | 0.00  |
| <b>Dependence</b>                            |       |       |       |       |       |       |       |       |
| <b>Barbituates</b>                           | 7     | 3     | 1     | 2     | 5     | 3     | 5     | 0     |
| Rate per 100,000                             | 1.05  | 0.44  | 0.14  | 0.28  | 0.67  | 0.39  | 0.63  | 0.00  |
| <b>Cannabis</b>                              | 10    | 4     | 3     | 3     | 2     | 2     | 2     | 1     |
| Rate per 100,000                             | 1.50  | 0.59  | 0.43  | 0.42  | 0.27  | 0.26  | 0.25  | 0.12  |
| <b>Cocaine</b>                               | 10    | 3     | 3     | 7     | 3     | 1     | 2     | 1     |
| Rate per 100,000                             | 1.50  | 0.44  | 0.43  | 0.97  | 0.40  | 0.13  | 0.25  | 0.12  |
| <b>Hallucinogen</b>                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Rate per 100,000                             | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| <b>Inhalant</b>                              | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| Rate per 100,000                             | 0.15  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.13  | 0.00  |
| <b>Morphine</b>                              | 49    | 42    | 41    | 44    | 64    | 62    | 81    | 44    |
| Rate per 100,000                             | 7.36  | 6.16  | 5.86  | 6.10  | 8.60  | 8.05  | 10.13 | 5.38  |
| <b>Stimulant</b>                             | 12    | 19    | 19    | 22    | 13    | 26    | 15    | 5     |
| Rate per 100,000                             | 1.80  | 2.79  | 2.72  | 3.05  | 1.75  | 3.38  | 1.88  | 0.61  |
| <b>Combination</b>                           | 9     | 6     | 26    | 18    | 9     | 20    | 20    | 16    |
| Rate per 100,000                             | 1.35  | 0.88  | 3.72  | 2.50  | 1.21  | 2.60  | 2.50  | 1.96  |
| <b>Unspecified</b>                           | 21    | 19    | 5     | 6     | 4     | 1     | 8     | 3     |
| Rate per 100,000                             | 3.16  | 2.79  | 0.71  | 0.83  | 0.54  | 0.13  | 1.00  | 0.37  |
| <b>Maternal Drug Dependence</b>              | 17    | 12    | 20    | 19    | 9     | 3     | 13    | 9     |
| Rate per 100,000                             | 2.55  | 1.76  | 2.86  | 2.64  | 1.21  | 0.39  | 1.63  | 1.10  |
| <b>Abuse</b>                                 |       |       |       |       |       |       |       |       |
| <b>Amphetamine</b>                           | 10    | 7     | 8     | 8     | 3     | 10    | 6     | 5     |
| Rate per 100,000                             | 1.50  | 1.03  | 1.14  | 1.11  | 0.40  | 1.30  | 0.75  | 0.61  |
| <b>Antidepressant</b>                        | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| Rate per 100,000                             | 0.00  | 0.15  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| <b>Cannabis</b>                              | 0     | 2     | 0     | 1     | 1     | 1     | 0     | 0     |
| Rate per 100,000                             | 0.00  | 0.29  | 0.00  | 0.14  | 0.13  | 0.13  | 0.00  | 0.00  |
| <b>Cocaine</b>                               | 0     | 1     | 2     | 3     | 1     | 1     | 0     | 5     |
| Rate per 100,000                             | 0.00  | 0.15  | 0.29  | 0.42  | 0.13  | 0.13  | 0.00  | 0.61  |
| <b>Hallucinogen</b>                          | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| Rate per 100,000                             | 0.00  | 0.00  | 0.00  | 0.14  | 0.00  | 0.00  | 0.00  | 0.00  |
| <b>Morphine</b>                              | 2     | 1     | 1     | 1     | 1     | 1     | 1     | 9     |
| Rate per 100,000                             | 0.30  | 0.15  | 0.14  | 0.14  | 0.13  | 0.13  | 0.13  | 1.10  |
| <b>Sedative</b>                              | 3     | 0     | 0     | 0     | 2     | 0     | 0     | 0     |
| Rate per 100,000                             | 0.45  | 0.00  | 0.00  | 0.00  | 0.27  | 0.00  | 0.00  | 0.00  |
| <b>Other, Mixed or Unspecified</b>           | 6     | 3     | 5     | 15    | 9     | 4     | 9     | 2     |
| Rate per 100,000                             | 0.90  | 0.44  | 0.71  | 2.08  | 1.21  | 0.52  | 1.13  | 0.24  |
| <b>Accidental Drug Poisonings</b>            | 113   | 141   | 129   | 184   | 180   | 191   | 224   | 289   |
| Rate per 100,000                             | 16.98 | 20.67 | 18.45 | 25.52 | 24.18 | 24.80 | 28.02 | 35.37 |
| <b>Other Drug Poisonings</b>                 | 12    | 30    | 37    | 40    | 60    | 59    | 63    | 59    |
| Rate per 100,000                             | 1.80  | 4.40  | 5.29  | 5.55  | 8.06  | 7.66  | 7.88  | 7.22  |
| <b>Self-Inflicted Drug Poisonings</b>        | 228   | 189   | 209   | 260   | 250   | 223   | 222   | 237   |
| Rate per 100,000                             | 34.26 | 27.71 | 29.89 | 36.06 | 33.58 | 28.96 | 27.77 | 29.01 |
| <b>Drug Exposure in Newborns</b>             | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     |
| Rate per 100,000                             | 0.00  | 0.15  | 0.14  | 0.00  | 0.00  | 0.00  | 0.00  | 0.12  |
| <b>Fetal Damage due to Maternal Drug Use</b> | 1     | 1     | 1     | 2     | 0     | 2     | 0     | 0     |
| Rate per 100,000                             | 0.15  | 0.15  | 0.14  | 0.28  | 0.00  | 0.26  | 0.00  | 0.00  |

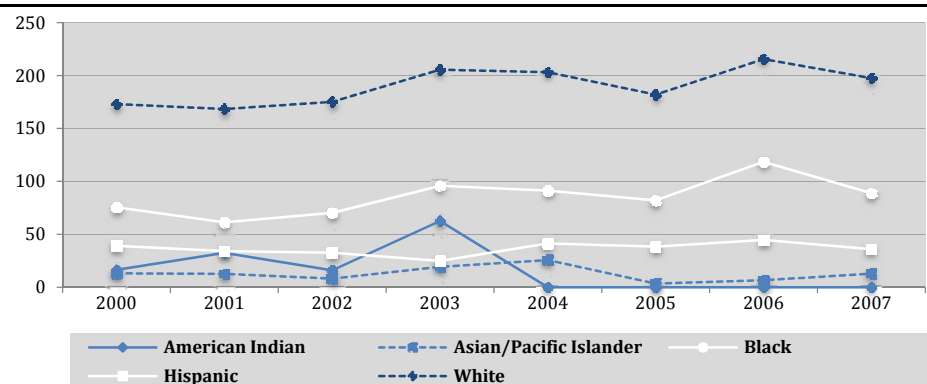
## Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.7**

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) by Patient Race/Ethnicity, Rate per 100,000 Population, and Percent of Total Hospitalizations

|   | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL AOD-RELATED HOSPITALIZATIONS</b> | 1,088   | 1,049   | 1,043   | 1,207   | 1,274   | 1,205   | 1,393   | 1,280   |
| <b>American Indian</b>                    | 1       | 2       | 1       | 4       | 0       | 0       | 0       | 0       |
| Population                                | 6,074   | 6,171   | 6,267   | 6,391   | 6,541   | 6,669   | 6,863   | 6,942   |
| Rate per 100,000                          | 16.46   | 32.41   | 15.96   | 62.59   | 0.00    | 0.00    | 0.00    | 0.00    |
| Percent of Total                          | 0.1%    | 0.2%    | 0.1%    | 0.3%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    |
| <b>Asian/Pacific Islander</b>             | 3       | 3       | 2       | 5       | 7       | 1       | 2       | 4       |
| Population                                | 22,943  | 23,805  | 24,724  | 25,936  | 27,279  | 28,674  | 30,330  | 31,111  |
| Rate per 100,000                          | 13.08   | 12.60   | 8.09    | 19.28   | 25.66   | 3.49    | 6.59    | 12.86   |
| Percent of Total                          | 0.3%    | 0.3%    | 0.2%    | 0.4%    | 0.5%    | 0.1%    | 0.1%    | 0.3%    |
| <b>Black</b>                              | 29      | 24      | 28      | 39      | 38      | 35      | 52      | 40      |
| Population                                | 38,401  | 39,136  | 39,843  | 40,735  | 41,664  | 42,672  | 43,885  | 45,066  |
| Rate per 100,000                          | 75.52   | 61.32   | 70.28   | 95.74   | 91.21   | 82.02   | 118.49  | 88.76   |
| Percent of Total                          | 2.7%    | 2.3%    | 2.7%    | 3.2%    | 3.0%    | 2.9%    | 3.7%    | 3.1%    |
| <b>Hispanic</b>                           | 100     | 91      | 91      | 73      | 128     | 125     | 154     | 128     |
| Population                                | 255,578 | 267,083 | 279,196 | 293,822 | 309,686 | 326,355 | 344,845 | 356,729 |
| Rate per 100,000                          | 39.13   | 34.07   | 32.59   | 24.84   | 41.33   | 38.30   | 44.66   | 35.88   |
| Percent of Total                          | 9.2%    | 8.7%    | 8.7%    | 6.0%    | 10.0%   | 10.4%   | 11.1%   | 10.0%   |
| <b>White</b>                              | 575     | 565     | 594     | 706     | 708     | 645     | 781     | 723     |
| Population                                | 332,431 | 335,646 | 339,015 | 343,505 | 348,465 | 354,615 | 362,417 | 366,032 |
| Rate per 100,000                          | 172.97  | 168.33  | 175.21  | 205.53  | 203.18  | 181.89  | 215.50  | 197.52  |
| Percent of Total                          | 52.8%   | 53.9%   | 57.0%   | 58.5%   | 55.6%   | 53.5%   | 56.1%   | 56.5%   |
| <b>Other/Unknown</b>                      | 380     | 364     | 327     | 380     | 393     | 399     | 404     | 385     |
| Percent of Total                          | 34.9%   | 34.7%   | 31.4%   | 31.5%   | 30.8%   | 33.1%   | 29.0%   | 30.1%   |

**Figure 6.5**  
Kern County AOD-Related Hospitalization Rate per 100,000 Population by Patient Race/Ethnicity





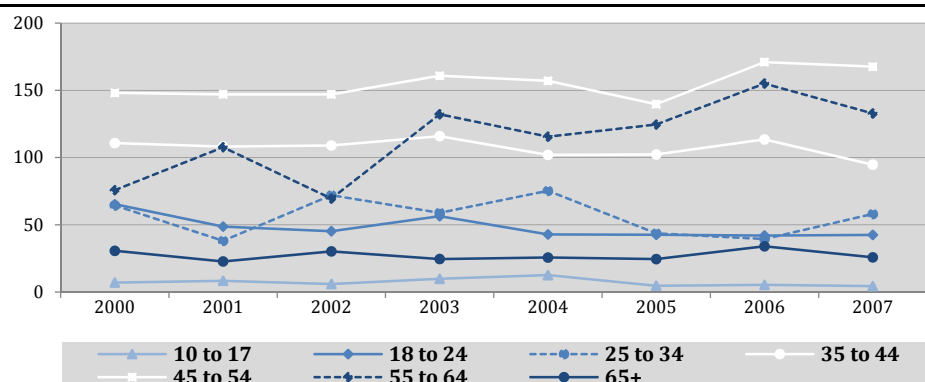
## Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.8**

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) by Patient Age Category, Rate per 100,000 Population, and Percent of Total Hospitalizations

|   | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL AOD-RELATED HOSPITALIZATIONS</b> | 1,088   | 1,049   | 1,043   | 1,207   | 1,274   | 1,205   | 1,393   | 1,280   |
| <b>17 Years and Under</b>                 | 15      | 18      | 13      | 22      | 29      | 11      | 13      | 11      |
| Population                                | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 |
| Rate per 100,000                          | 7.07    | 8.36    | 5.96    | 9.83    | 12.61   | 4.65    | 5.33    | 4.43    |
| Percent of Total                          | 1.4%    | 1.7%    | 1.2%    | 1.8%    | 2.3%    | 0.9%    | 0.9%    | 0.9%    |
| <b>18 to 24 Years</b>                     | 45      | 36      | 36      | 48      | 39      | 41      | 43      | 44      |
| Population                                | 68,927  | 73,993  | 79,527  | 85,060  | 91,076  | 96,333  | 102,229 | 103,518 |
| Rate per 100,000                          | 65.29   | 48.65   | 45.27   | 56.43   | 42.82   | 42.56   | 42.06   | 42.50   |
| Percent of Total                          | 4.1%    | 3.4%    | 3.5%    | 4.0%    | 3.1%    | 3.4%    | 3.1%    | 3.4%    |
| <b>25 to 34 Years</b>                     | 60      | 36      | 70      | 59      | 78      | 47      | 45      | 69      |
| Population                                | 93,224  | 94,565  | 97,220  | 100,147 | 103,639 | 107,727 | 114,178 | 118,931 |
| Rate per 100,000                          | 64.36   | 38.07   | 72.00   | 58.91   | 75.26   | 43.63   | 39.41   | 58.02   |
| Percent of Total                          | 5.5%    | 3.4%    | 6.7%    | 4.9%    | 6.1%    | 3.9%    | 3.2%    | 5.4%    |
| <b>35 to 44 Years</b>                     | 115     | 113     | 114     | 122     | 108     | 109     | 122     | 101     |
| Population                                | 103,829 | 104,465 | 104,612 | 105,233 | 105,917 | 106,563 | 107,501 | 106,634 |
| Rate per 100,000                          | 110.76  | 108.17  | 108.97  | 115.93  | 101.97  | 102.29  | 113.49  | 94.72   |
| Percent of Total                          | 10.6%   | 10.8%   | 10.9%   | 10.1%   | 8.5%    | 9.0%    | 8.8%    | 7.9%    |
| <b>45 to 54 Years</b>                     | 115     | 120     | 125     | 143     | 146     | 136     | 174     | 176     |
| Population                                | 77,671  | 81,674  | 85,091  | 88,881  | 92,964  | 97,385  | 101,775 | 105,027 |
| Rate per 100,000                          | 148.06  | 146.93  | 146.90  | 160.89  | 157.05  | 139.65  | 170.97  | 167.58  |
| Percent of Total                          | 10.6%   | 11.4%   | 12.0%   | 11.8%   | 11.5%   | 11.3%   | 12.5%   | 13.8%   |
| <b>55 to 64 Years</b>                     | 36      | 53      | 36      | 72      | 66      | 75      | 98      | 88      |
| Population                                | 47,527  | 49,210  | 51,777  | 54,473  | 57,141  | 60,232  | 63,216  | 66,271  |
| Rate per 100,000                          | 75.75   | 107.70  | 69.53   | 132.18  | 115.50  | 124.52  | 155.02  | 132.79  |
| Percent of Total                          | 3.3%    | 5.1%    | 3.5%    | 6.0%    | 5.2%    | 6.2%    | 7.0%    | 6.9%    |
| <b>65 Years and Older</b>                 | 65      | 49      | 66      | 55      | 59      | 58      | 83      | 64      |
| Population                                | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 |
| Rate per 100,000                          | 30.65   | 22.75   | 30.25   | 24.57   | 25.65   | 24.50   | 34.03   | 25.79   |
| Percent of Total                          | 6.0%    | 4.7%    | 6.3%    | 4.6%    | 4.6%    | 4.8%    | 6.0%    | 5.0%    |
| <b>Other/Unknown</b>                      | 637     | 624     | 583     | 686     | 749     | 728     | 815     | 727     |
| Percent of Total                          | 58.5%   | 59.5%   | 55.9%   | 56.8%   | 58.8%   | 60.4%   | 58.5%   | 56.8%   |

**Figure 6.6**  
Kern County AOD-Related Hospitalization Rate per 100,000 Population by Patient Age Category



## Indicator 7: Deaths Due to Alcohol and Drug Use

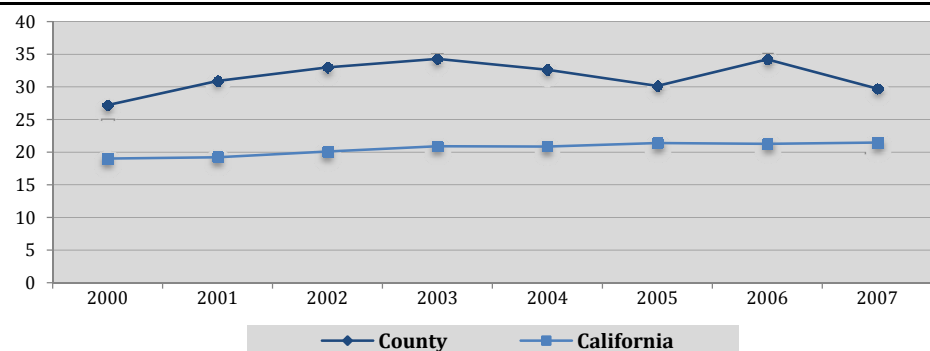
The number of deaths due to alcohol and drug-related causes and age adjusted death rate per 100,000 population.

**Table 7.1**

Deaths Due to Alcohol- and Drug-Related Causes (Combined) and Age-Adjusted Rate per 100,000 with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Deaths               | 161     | 188     | 200     | 215     | 216     | 204     | 248     | 219     |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 |
| Rate per 100,000               | 27.21   | 30.92   | 32.99   | 34.30   | 32.62   | 30.14   | 34.23   | 29.74   |
| CALIFORNIA<br>Rate per 100,000 | 19.03   | 19.22   | 20.10   | 20.90   | 20.86   | 21.40   | 21.27   | 21.46   |

**Figure 7.1**  
Kern County  
Mortality Age-  
Adjusted Rate per  
100,000 Total  
Population with  
Comparison to  
Statewide Rates

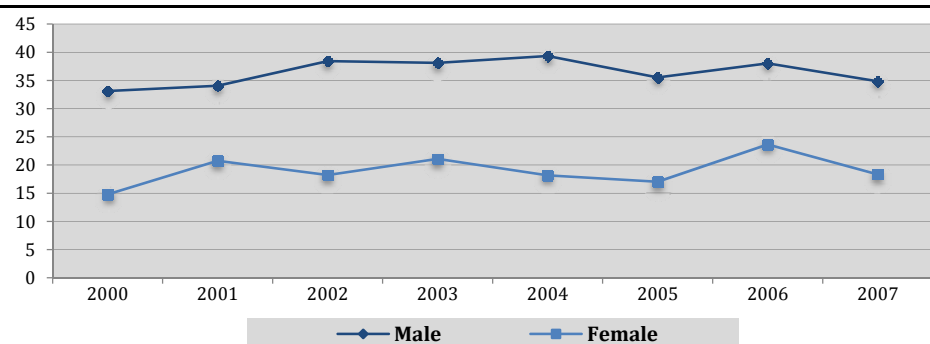


**Table 7.2**

Deaths Due to Alcohol- and Drug-Related Causes (Combined) by Gender of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

|                                 | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL AOD-RELATED DEATHS</b> | 161     | 188     | 200     | 215     | 216     | 204     | 248     | 219     |
| <b>Male</b>                     | 113     | 119     | 138     | 141     | 150     | 140     | 156     | 146     |
| Population                      | 341,227 | 349,403 | 359,210 | 369,864 | 381,472 | 394,160 | 410,117 | 418,921 |
| Rate per 100,000                | 33.12   | 34.06   | 38.42   | 38.12   | 39.32   | 35.52   | 38.04   | 34.85   |
| Percent of Total                | 70.19%  | 63.30%  | 69.00%  | 65.58%  | 69.44%  | 68.63%  | 62.90%  | 66.67%  |
| <b>Female</b>                   | 48      | 69      | 62      | 74      | 66      | 64      | 92      | 73      |
| Population                      | 324,292 | 332,602 | 340,134 | 351,066 | 363,017 | 375,991 | 389,358 | 398,174 |
| Rate per 100,000                | 14.80   | 20.75   | 18.23   | 21.08   | 18.18   | 17.02   | 23.63   | 18.33   |
| Percent of Total                | 29.81%  | 36.70%  | 31.00%  | 34.42%  | 30.56%  | 31.37%  | 37.10%  | 33.33%  |

**Figure 7.2**  
Kern County AOD-  
Related Mortality  
Rate per 100,000  
Population by  
Decedent Gender



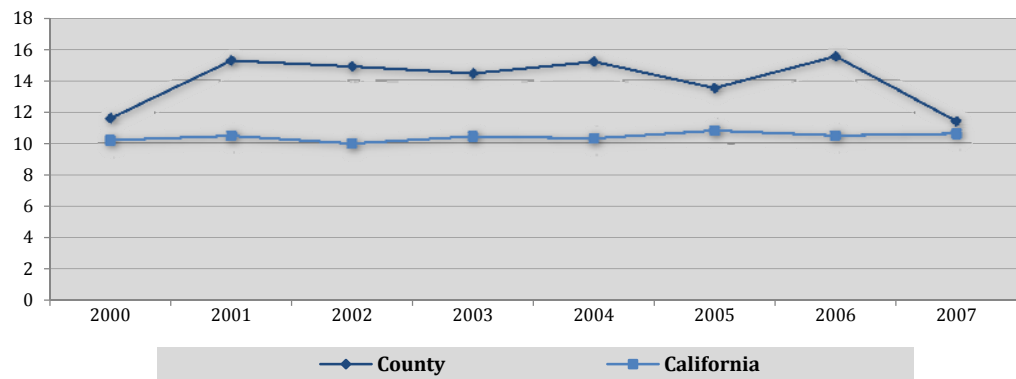
## Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.3**

Deaths Due to *Alcohol*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Deaths               | 77      | 104     | 104     | 104     | 113     | 104     | 124     | 93      |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 |
| Rate per 100,000               | 11.57   | 15.25   | 14.87   | 14.43   | 15.18   | 13.50   | 15.51   | 11.38   |
| CALIFORNIA<br>Rate per 100,000 | 10.17   | 10.45   | 9.96    | 10.42   | 10.29   | 10.79   | 10.47   | 10.59   |

**Figure 7.3**  
Kern County  
Alcohol-Related  
Mortality Rate per  
100,000  
Population with  
Comparison to  
Statewide Rates

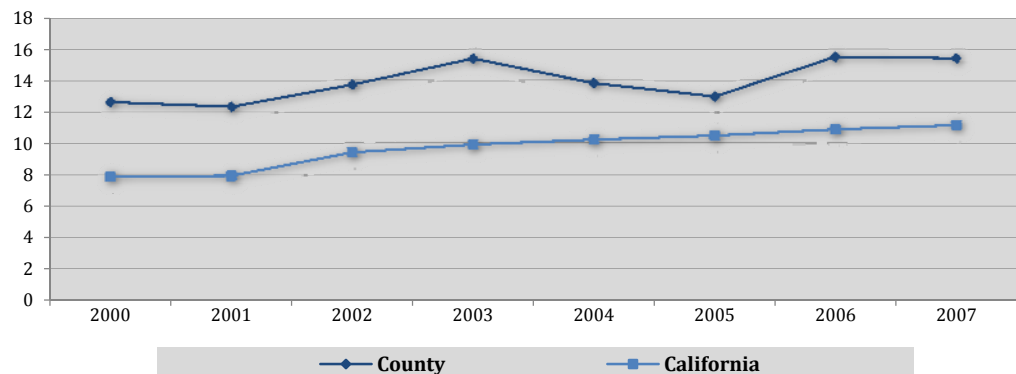


**Table 7.4**

Deaths Due to *Drug*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates

|                                | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Number of Deaths               | 84      | 84      | 96      | 111     | 103     | 100     | 124     | 126     |
| Total Population               | 665,519 | 682,005 | 699,344 | 720,930 | 744,489 | 770,151 | 799,475 | 817,095 |
| Rate per 100,000               | 12.62   | 12.32   | 13.73   | 15.40   | 13.83   | 12.98   | 15.51   | 15.42   |
| CALIFORNIA<br>Rate per 100,000 | 7.86    | 7.91    | 9.41    | 9.91    | 10.22   | 10.48   | 10.88   | 11.15   |

**Figure 7.4**  
Kern County Drug-  
Related Mortality  
Rate per 100,000  
Population with  
Comparison to  
Statewide Rates



## Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.5**

Deaths Due to *Alcohol*-Related Causes by Specific Cause, and Rate per 100,000 Total Population

|  | 2000 | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007 |
|--|------|-------|-------|-------|-------|-------|-------|------|
| <b>TOTAL ALCOHOL-RELATED DEATHS</b>                        | 77   | 104   | 104   | 104   | 113   | 104   | 124   | 93   |
| <b>Alcohol Psychosis</b>                                   | 0    | 1     | 3     | 2     | 1     | 1     | 3     | 1    |
| Rate per 100,000   | 0.00 | 0.15  | 0.43  | 0.28  | 0.13  | 0.13  | 0.38  | 0.12 |
| <b>Alcohol Abuse</b>                                       | 5    | 12    | 10    | 5     | 4     | 12    | 4     | 4    |
| Rate per 100,000   | 0.75 | 1.76  | 1.43  | 0.69  | 0.54  | 1.56  | 0.50  | 0.49 |
| <b>Alcohol Dependence Syndrome</b>                         | 4    | 4     | 6     | 4     | 16    | 7     | 23    | 18   |
| Rate per 100,000   | 0.60 | 0.59  | 0.86  | 0.55  | 2.15  | 0.91  | 2.88  | 2.20 |
| <b>Alcoholic Polyneuropathy</b>                            | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>Degeneration of the Nervous System</b>                  | 0    | 1     | 0     | 0     | 0     | 0     | 0     | 1    |
| Rate per 100,000   | 0.00 | 0.15  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.12 |
| <b>Alcoholic Myopathy</b>                                  | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>Alcoholic Cardiomyopathy</b>                            | 2    | 3     | 2     | 2     | 2     | 2     | 0     | 2    |
| Rate per 100,000   | 0.30 | 0.44  | 0.29  | 0.28  | 0.27  | 0.26  | 0.00  | 0.24 |
| <b>Alcoholic Gastritis</b>                                 | 0    | 0     | 0     | 0     | 0     | 1     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.13  | 0.00  | 0.00 |
| <b>Alcoholic Liver Disease</b>                             | 66   | 81    | 81    | 91    | 87    | 79    | 94    | 59   |
| Rate per 100,000   | 9.92 | 11.88 | 11.58 | 12.62 | 11.69 | 10.26 | 11.76 | 7.22 |
| <b>Fetal Alcohol Syndrome</b>                              | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>Fetus and Newborn Affect by Maternal Use of Alcohol</b> | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>Alcohol Poisoning</b>                                   | 0    | 2     | 1     | 0     | 0     | 0     | 0     | 8    |
| Rate per 100,000   | 0.00 | 0.29  | 0.14  | 0.00  | 0.00  | 0.00  | 0.00  | 0.98 |
| <b>Intentional Self-Poisoning (Alcohol)</b>                | 0    | 0     | 1     | 0     | 0     | 0     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.14  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>Excessive Blood Level of Alcohol</b>                    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>Alcohol-Induced Pancreatitis</b>                        | 0    | 0     | 0     | 0     | 3     | 2     | 0     | 0    |
| Rate per 100,000   | 0.00 | 0.00  | 0.00  | 0.00  | 0.40  | 0.26  | 0.00  | 0.00 |

## Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.6**

Deaths Due to *Drug*-Related Causes by Specific Cause, and Rate per 100,000 Total Population

|  | 2000  | 2001 | 2002  | 2003  | 2004 | 2005  | 2006  | 2007  |
|--|-------|------|-------|-------|------|-------|-------|-------|
| <b>TOTAL DRUG-RELATED DEATHS</b>                               | 84    | 84   | 96    | 111   | 103  | 100   | 124   | 126   |
| <b>Accidental Drug Poisoning</b>                               | 67    | 68   | 71    | 79    | 73   | 83    | 108   | 109   |
| Rate per 100,000   | 10.07 | 9.97 | 10.15 | 10.96 | 9.81 | 10.78 | 13.51 | 13.34 |
| <b>Intentional Self-Poisoning (Drug)</b>                       | 10    | 7    | 9     | 18    | 15   | 9     | 9     | 9     |
| Rate per 100,000   | 1.50  | 1.03 | 1.29  | 2.50  | 2.01 | 1.17  | 1.13  | 1.10  |
| <b>Intentional Poisoning (Assault)</b>                         | 0     | 0    | 0     | 0     | 0    | 0     | 0     | 0     |
| Rate per 100,000   | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00  |
| <b>Other Drug Poisonings</b>                                   | 0     | 0    | 1     | 2     | 1    | 0     | 1     | 0     |
| Rate per 100,000   | 0.00  | 0.00 | 0.14  | 0.28  | 0.13 | 0.00  | 0.13  | 0.00  |
| <b>Fetus and Newborn Affect by Maternal Use of Drugs</b>       | 0     | 0    | 0     | 0     | 0    | 0     | 1     | 0     |
| Rate per 100,000   | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 0.13  | 0.00  |
| <b><i>Mental and Behavioral Disorders due to Use of...</i></b> |       |      |       |       |      |       |       |       |
| <b>Cannabinoids</b>  | 0     | 0    | 0     | 0     | 0    | 0     | 0     | 0     |
| Rate per 100,000   | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00  |
| <b>Cocaine</b>   | 0     | 0    | 1     | 1     | 2    | 1     | 0     | 1     |
| Rate per 100,000   | 0.00  | 0.00 | 0.14  | 0.14  | 0.27 | 0.13  | 0.00  | 0.12  |
| <b>Hallucinogens</b>   | 0     | 0    | 0     | 0     | 0    | 0     | 0     | 0     |
| Rate per 100,000   | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00  |
| <b>Opioids</b>   | 0     | 0    | 2     | 1     | 0    | 0     | 1     | 1     |
| Rate per 100,000   | 0.00  | 0.00 | 0.29  | 0.14  | 0.00 | 0.00  | 0.13  | 0.12  |
| <b>Other Psychoactive Substances</b>                           | 6     | 8    | 9     | 9     | 11   | 5     | 2     | 4     |
| Rate per 100,000   | 0.90  | 1.17 | 1.29  | 1.25  | 1.48 | 0.65  | 0.25  | 0.49  |
| <b>Sedatives or Hypnotics</b>                                  | 0     | 0    | 0     | 0     | 0    | 0     | 0     | 0     |
| Rate per 100,000   | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00  |
| <b>Solvents</b>  | 0     | 0    | 0     | 0     | 0    | 0     | 0     | 0     |
| Rate per 100,000   | 0.00  | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 0.00  | 0.00  |
| <b>Stimulants</b>  | 1     | 1    | 3     | 1     | 1    | 2     | 2     | 2     |
| Rate per 100,000   | 0.15  | 0.15 | 0.43  | 0.14  | 0.13 | 0.26  | 0.25  | 0.24  |

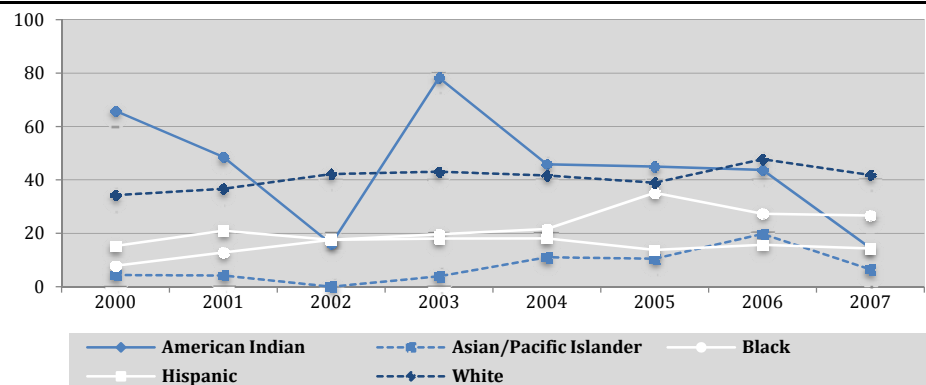
## Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.7**

Deaths Due to Alcohol- and Drug-Related Causes (Combined) by Race/Ethnicity of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

|                                 | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL AOD-RELATED DEATHS</b> | 161     | 188     | 200     | 215     | 216     | 204     | 248     | 219     |
| <b>American Indian</b>          | 4       | 3       | 1       | 5       | 3       | 3       | 3       | 1       |
| Population                      | 6,074   | 6,171   | 6,267   | 6,391   | 6,541   | 6,669   | 6,863   | 6,942   |
| Rate per 100,000                | 65.85   | 48.61   | 15.96   | 78.24   | 45.86   | 44.98   | 43.71   | 14.41   |
| Percent of Total                | 2.5%    | 1.6%    | 0.5%    | 2.3%    | 1.4%    | 1.5%    | 1.2%    | 0.5%    |
| <b>Asian/Pacific Islander</b>   | 1       | 1       | 0       | 1       | 3       | 3       | 6       | 2       |
| Population                      | 22,943  | 23,805  | 24,724  | 25,936  | 27,279  | 28,674  | 30,330  | 31,111  |
| Rate per 100,000                | 4.36    | 4.20    | 0.00    | 3.86    | 11.00   | 10.46   | 19.78   | 6.43    |
| Percent of Total                | 0.6%    | 0.5%    | 0.0%    | 0.5%    | 1.4%    | 1.5%    | 2.4%    | 0.9%    |
| <b>Black</b>                    | 3       | 5       | 7       | 8       | 9       | 15      | 12      | 12      |
| Population                      | 38,401  | 39,136  | 39,843  | 40,735  | 41,664  | 42,672  | 43,885  | 45,066  |
| Rate per 100,000                | 7.81    | 12.78   | 17.57   | 19.64   | 21.60   | 35.15   | 27.34   | 26.63   |
| Percent of Total                | 1.9%    | 2.7%    | 3.5%    | 3.7%    | 4.2%    | 7.4%    | 4.8%    | 5.5%    |
| <b>Hispanic</b>                 | 39      | 56      | 49      | 53      | 56      | 45      | 54      | 51      |
| Population                      | 255,578 | 267,083 | 279,196 | 293,822 | 309,686 | 326,355 | 344,845 | 356,729 |
| Rate per 100,000                | 15.26   | 20.97   | 17.55   | 18.04   | 18.08   | 13.79   | 15.66   | 14.30   |
| Percent of Total                | 24.2%   | 29.8%   | 24.5%   | 24.7%   | 25.9%   | 22.1%   | 21.8%   | 23.3%   |
| <b>White</b>                    | 114     | 123     | 143     | 148     | 145     | 138     | 173     | 153     |
| Population                      | 332,431 | 335,646 | 339,015 | 343,505 | 348,465 | 354,615 | 362,417 | 366,032 |
| Rate per 100,000                | 34.29   | 36.65   | 42.18   | 43.09   | 41.61   | 38.92   | 47.74   | 41.80   |
| Percent of Total                | 70.8%   | 65.4%   | 71.5%   | 68.8%   | 67.1%   | 67.6%   | 69.8%   | 69.9%   |
| <b>Other</b>                    | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Percent of Total                | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    | 0.0%    |

**Figure 7.5**  
Kern County AOD-Related Mortality Rate per 100,000 Population by Decedent Race/Ethnicity



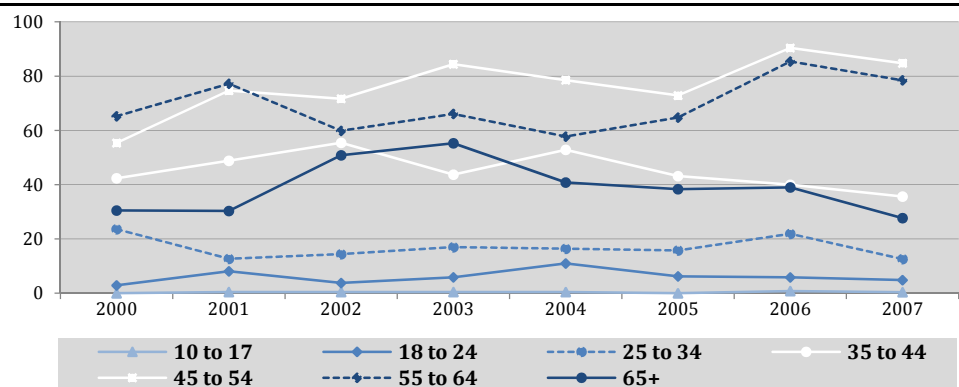
## Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.8**

Deaths Due to Alcohol- and Drug-Related Causes (Combined) by Age Category of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

|                                 | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>TOTAL AOD-RELATED DEATHS</b> | 161     | 188     | 200     | 215     | 216     | 204     | 248     | 219     |
| <b>17 Years and Under</b>       | 0       | 1       | 1       | 1       | 1       | 0       | 2       | 1       |
| Population                      | 212,040 | 215,424 | 218,179 | 223,836 | 230,059 | 236,744 | 243,925 | 248,118 |
| Rate per 100,000                | 0.00    | 0.46    | 0.46    | 0.45    | 0.43    | 0.00    | 0.82    | 0.40    |
| Percent of Total                | 0.0%    | 0.5%    | 0.5%    | 0.5%    | 0.5%    | 0.0%    | 0.8%    | 0.5%    |
| <b>18 to 24 Years</b>           | 2       | 6       | 3       | 5       | 10      | 6       | 6       | 5       |
| Population                      | 68,927  | 73,993  | 79,527  | 85,060  | 91,076  | 96,333  | 102,229 | 103,518 |
| Rate per 100,000                | 2.90    | 8.11    | 3.77    | 5.88    | 10.98   | 6.23    | 5.87    | 4.83    |
| Percent of Total                | 1.2%    | 3.2%    | 1.5%    | 2.3%    | 4.6%    | 2.9%    | 2.4%    | 2.3%    |
| <b>25 to 34 Years</b>           | 22      | 12      | 14      | 17      | 17      | 17      | 25      | 15      |
| Population                      | 93,224  | 94,565  | 97,220  | 100,147 | 103,639 | 107,727 | 114,178 | 118,931 |
| Rate per 100,000                | 23.60   | 12.69   | 14.40   | 16.98   | 16.40   | 15.78   | 21.90   | 12.61   |
| Percent of Total                | 13.7%   | 6.4%    | 7.0%    | 7.9%    | 7.9%    | 8.3%    | 10.1%   | 6.8%    |
| <b>35 to 44 Years</b>           | 44      | 51      | 58      | 46      | 56      | 46      | 43      | 38      |
| Population                      | 103,829 | 104,465 | 104,612 | 105,233 | 105,917 | 106,563 | 107,501 | 106,634 |
| Rate per 100,000                | 42.38   | 48.82   | 55.44   | 43.71   | 52.87   | 43.17   | 40.00   | 35.64   |
| Percent of Total                | 27.3%   | 27.1%   | 29.0%   | 21.4%   | 25.9%   | 22.5%   | 17.3%   | 17.4%   |
| <b>45 to 54 Years</b>           | 43      | 61      | 61      | 75      | 73      | 71      | 92      | 89      |
| Population                      | 77,671  | 81,674  | 85,091  | 88,881  | 92,964  | 97,385  | 101,775 | 105,027 |
| Rate per 100,000                | 55.36   | 74.69   | 71.69   | 84.38   | 78.53   | 72.91   | 90.40   | 84.74   |
| Percent of Total                | 26.7%   | 32.4%   | 30.5%   | 34.9%   | 33.8%   | 34.8%   | 37.1%   | 40.6%   |
| <b>55 to 64 Years</b>           | 31      | 38      | 31      | 36      | 33      | 39      | 54      | 52      |
| Population                      | 47,527  | 49,210  | 51,777  | 54,473  | 57,141  | 60,232  | 63,216  | 66,271  |
| Rate per 100,000                | 65.23   | 77.22   | 59.87   | 66.09   | 57.75   | 64.75   | 85.42   | 78.47   |
| Percent of Total                | 19.3%   | 20.2%   | 15.5%   | 16.7%   | 15.3%   | 19.1%   | 21.8%   | 23.7%   |
| <b>65 Years and Older</b>       | 19      | 19      | 32      | 35      | 26      | 25      | 26      | 19      |
| Population                      | 62,301  | 62,674  | 62,938  | 63,300  | 63,693  | 65,167  | 66,651  | 68,596  |
| Rate per 100,000                | 30.50   | 30.32   | 50.84   | 55.29   | 40.82   | 38.36   | 39.01   | 27.70   |
| Percent of Total                | 11.8%   | 10.1%   | 16.0%   | 16.3%   | 12.0%   | 12.3%   | 10.5%   | 8.7%    |

**Figure 7.6**  
Kern County AOD-Related Mortality Rate per 100,000 Population by Decedent Age Category



# SOURCES

| Indicator   | Agency  | Print and Electronic Data Sources   |
|---|---|---|
| <b>Binge Drinking in the Past Year</b>                | UCLA Center for Health Policy Research, California Department of Health Services, Public Health Institute | California Health Interview Survey (CHIS) 2008  |
| <b>Admissions to Alcohol and Other Drug Treatment</b> | California Department of Alcohol and Drug Programs (ADP)  | California Alcohol and Drug Data System (CADDs) Admissions Data 2000–2005<br><br>California Outcome Measurement System (CalOMS) Admissions Data 2006–2008 |
| <b>Alcohol and Drug-Related Crime</b>                 | California Department of Justice, Office of the Attorney General, Criminal Justice Statistics Center      | California Arrest Data 2000–2008  |
| <b>Drinking and Driving</b>                           | California Highway Patrol (CHP)   | Statewide Integrated Traffic Records System (SWITRS) 2000–2008  |
| <b>Alcohol- and Drug-Related Hospitalizations</b>     | Office of Statewide Health Planning and Development (OSHPD)   | California Hospital Discharge Data Set, 2000–2007   |
| <b>Alcohol and Drug-Related Mortality</b>             | California Department of Public Health, Vital Statistics Section  | Death Statistical Masterfile 2000–2007<br><br>California Health Status Profiles 2006  |



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